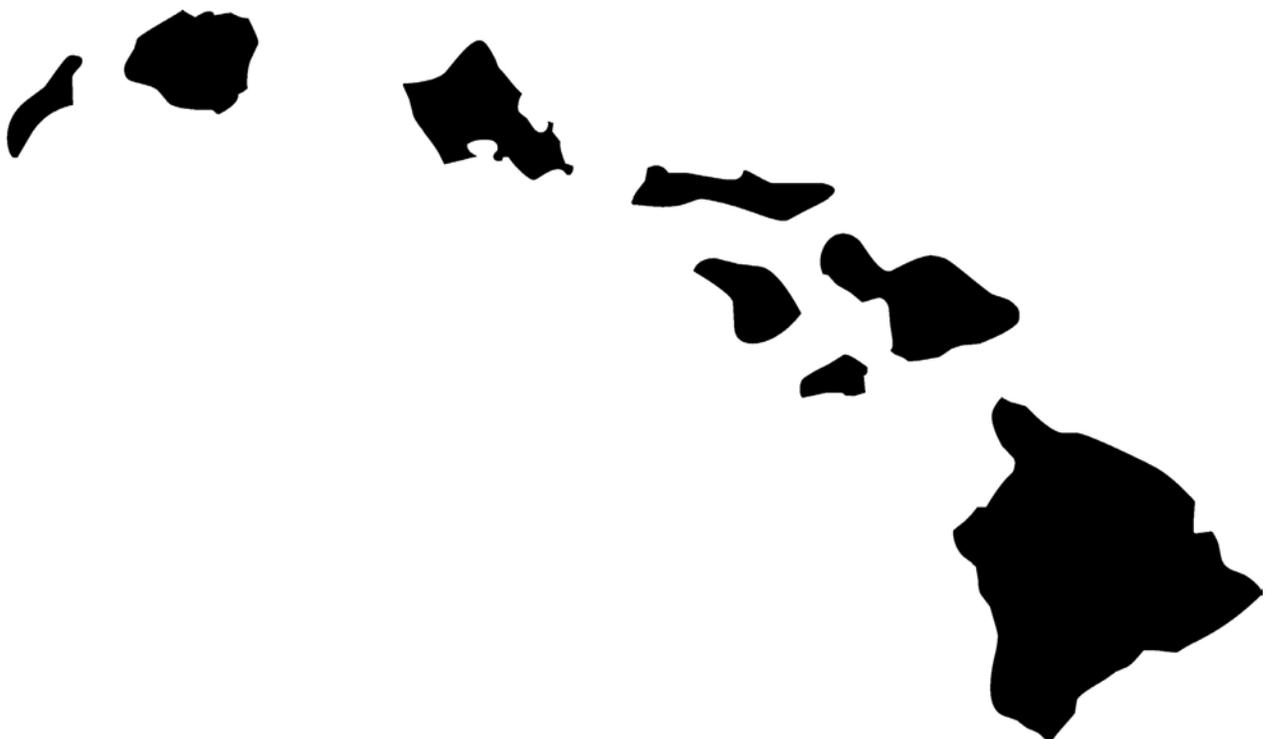


ENVIRONMENTAL
PRODUCT
GUIDE
for Hawai'i
2016



ENVIRONMENTAL PRODUCT GUIDE

for Hawai'i

2016



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The 2016 Environmental Product Guide's 2011 original version, was originally funded by a U.S. Department of Energy (DOE) award #DE-EE0000216 to the State of Hawai'i Department of Business, Economic Development and Tourism (DBEDT). Any opinions, findings, conclusions, or recommendations expressed herein are those of the author(s) and do not necessarily reflect the views of, nor constitute an endorsement by the DOE, State of Hawai'i, or any of their agents, partners, or contributors. It has since been updated and

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THANK YOU

We would like to thank the business owners, managers, marketing agents, and the many green interns who participated in the creation of this guide. Their dedication to providing environmentally preferable products will help Hawai'i reach a more sustainable future.

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I. INTRODUCTION

The 2016 **ENVIRONMENTAL PRODUCT GUIDE FOR HAWAI'I (EPG)** is a document that identifies and promotes ecofriendly products available in the State of Hawai'i. The EPG 2016 edition includes the most current listing of local businesses directly involved in producing and/or selling environmentally preferable products in Hawai'i. The EPG also offers a list of products that, although not yet available through a local distributor, are recommended due to their enhanced environmental performance.

1.1 SCOPE & METHODOLOGY

The EPG is primarily focused on building materials, but also includes non-building products such as cleaning, vehicular and office products. It is organized under the broader categories of the Construction Specification Institute (CSI) Master Format, a system for classification of building products widely known and used in the construction industry.

A rigorous investigation was made for each product included in the EPG in order to offer consumers an informative and user-friendly list of products that are genuinely “green”. Yellow pages, reference guides on green products, and expos were the main vehicles used to find local distributors of environmentally preferable products. Information about specific attributes that make a product qualify as environmentally preferable was collected through a questionnaire completed by the distributors of such products; the information provided was then checked against the applicable standards to that product type.

1.2 WHAT IS A GREEN PRODUCT?

A Green product inflicts minimal or no harm to the environment and conserves resources for future generations. Every product generates an environmental footprint at some level. When choosing a product, the challenge is to make decisions that will result in the best trade-off when multiple factors are taken into consideration. Recently, the increase in exaggerated environmental claims also known as “greenwashing” has added a new layer of complexity to responsible purchasing of products. More than a list of product names, the **2016 EPG** for Hawai'i discloses specific information on each product to ease the assessment of their environmental performance during the selection/purchasing process.

1.3 WHY PURCHASE ENVIRONMENTALLY PREFERABLE PRODUCTS?

Buying environmentally preferable products helps to prevent the waste of natural resources, captures the economic potential of renewable resources and promotes good will among employees and consumers.

Private businesses benefit from selling environmentally preferable products and being listed in the EPG by:

- Increasing Business Opportunities – Presenting the company's environmentally preferable products directly to those who make purchasing decisions for the government and for private consumers;
- Increasing Recognition – Displaying the company's products to the local marketplace, both public and private, in hard-copy and electronic formats;
- Increasing Public Awareness – participation in the EPG will join forces with the State of Hawai'i efforts helping consumers to understand the benefits of buying environmentally preferable products, determine which products are truly “green”, and to know if these products are available in Hawai'i.

For government agencies, purchasing environmentally preferable products may be mandated by the State and Federal Government through Executive Orders and the Comprehensive Procurement Guidelines by U.S. Environmental Protection Agency. In addition, the American Recovery and Reinvestment Act of 2009 provided many tax incentives for individuals and for companies in the areas of healthcare, education, energy efficiency, housing, and more.

1.4 American Recovery and Reinvestment Act 2009 (ARRA 2009) and Tax Credits¹

Federal & State Tax Credit and Rebates

Commonly referred to as Economic Stimulus Package, [ARRA 2009](#) extended many consumer tax incentives originally introduced in the [Energy Policy Act of 2005 \(EPACT\)](#) and amended in the Emergency Economic Stabilization Act of 2008 (P.L. 110-343). Federal tax credits may also have an expiration date. Incentives are geared towards:

- **HomeEnergyEfficiencyImprovements**: consumers who purchase and install specific products, such as energy-efficient windows, insulation, doors, roofs, and heating and cooling equipment in existing homes can receive a tax credit for 30% of the cost, up to \$1,500, for improvements “placed in service” starting January 1, 2009, through December 31, 2010.
See http://www.energystar.gov/index.cfm?c=tax_credits.tx_index for more information
- **Residential Renewable Energy**: consumers who install solar energy systems (including solar water heating and solar electric systems), small wind systems, geothermal heat pumps, and residential fuel cell and microturbine systems can receive a 30% tax credit for systems placed in service before December 31, 2016.
See http://www.energystar.gov/index.cfm?c=tax_credits.tx_index for more information
- **Automobile**: hybrid gas-electric and alternative fuel vehicles, plug-In electric vehicles, plug-In hybrid conversion kits, and low speed & 2/3 wheeled vehicles, all qualify for this tax credit as long as they were purchased or lease before the provision expiration date.
See <http://www.irs.gov/businesses/corporations/article/0,,id=202341,00.html> for more information

In addition to federal tax incentives, some consumers and businesses will also be eligible for utility or state rebates, as well as state tax incentives for energy-efficiency, renewable energy, fuel efficient vehicles and equipment.

For current information on state, local, utility and federal incentives and policies that promote renewable energy and energy efficiency, see the Database of State Incentives for Renewables and Efficiency at www.dsireusa.org

¹ Retrieved from <http://www.energy.gov/taxbreaks.htm>

1.5 State of Hawai'i Revised Statutes

The State Administration is determined to achieve its goal of 100 percent renewable energy generation by 2045. Maximizing affordable clean energy is a core strategic goal, and provides the most secure foundation for our economy and way of life. See <http://energy.hawaii.gov/energypolicy> for more information.

Hawai'i Revised Statutes §169-9 (2006) Energy Efficiency and Environmental Standards for State facilities, motor vehicles, and transportation fuel.

- (a) Each agency is directed to implement, to the extent possible, the following goals during planning and budget preparation and program implementation.
- (b) With regard to buildings and facilities, each agency shall:
 - (1) Design and construct buildings to meeting the Leadership in Energy and Environmental Design silver or two green globes rating system or another comparable State approved, nationally recognized, and consensus based guideline, standard, or system, except when the guideline, standard, or system interferes or conflicts with the use of the building or facility as an emergency shelter;
 - (2) Incorporate energy efficiency measures to prevent heat gain in residential facilities up to three stories in height to provide R-19 or equivalent on roofs, R-11 or equivalent in walls, and high-performance windows to minimize heat gain and, if air conditioned, minimize cool air loss;
 - (3) Install solar water heating systems where it is cost-effective, based on a comparative analysis to determine the cost-benefit of using a conventional water heating system or a solar water heating system;
 - (4) Implement water and energy efficiency practices in operations to reduce waste and increase conservation;
 - (5) Incorporate principles of waste minimization and pollution prevention, such as reducing, revising, and recycling as a standard operating practice in programs, including programs for waste management in construction and demolition projects and office paper and packaging recycling programs;
 - (6) Use life cycle cost-benefit analysis to purchase energy efficient equipment such as ENERGY STAR products and use utility rebates where available to reduce purchase and installation costs; and
 - (7) Procure environmentally preferable products, including recycled and recycled-content, bio-based, and other resource-efficient products and materials.

1.6 Executive Orders (EO)

Federal Executive Orders are issued by the President of the United States regulating practices of the executive branch, and do not affect citizens directly. Three Executive Orders are of special importance to the purchasing of environmentally preferable products and operational practices of executive agencies:

EO 13423. (January, 2007) - *Strengthening Federal Environmental, Energy, and Transportation Management.*

This EO revokes several previous orders addressing the greening of governmental practices, including E.O. 13101, E.O. 13123, E.O. 13134, E.O. 13148, and E.O. 13149. The Order sets goals in the following areas: energy efficiency; acquisition; renewable energy; toxic chemical reduction; recycling; sustainable buildings; electronics stewardship; fleets; and water conservation. See <http://www.fedcenter.gov/programs/eo13423/> for more information on EO 13423.

EO 13514. (April, 2010) - *Federal Leadership in Environmental, Energy, and Economic Performance.*

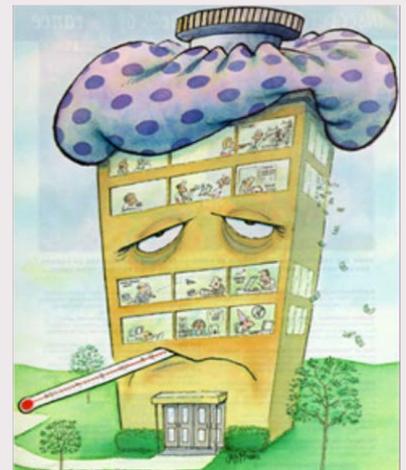
This EO focuses on the reduction of GHG and promotion of a clean energy economy. Requirements of the EO 13514 are: a) establishment of a Greenhouse Gas (GHG) Emission Reduction Target, b) development of a Strategic Sustainability Performance Plan (Sustainability Plan), c) GHG Reporting and Accounting, and d) Fleet Petroleum reduction. See <http://www.fedcenter.gov/programs/eo13514/> for more information on EO 13514.

EO 13693. (March 2016) - *Planning for Federal Sustainability in the Next Decade.*

This goal of this EO is to maintain Federal leadership in sustainability and greenhouse gas emission reductions. Federal Agencies shall promote building energy conservation, efficiency, and management by reducing agency building energy intensity measured in British thermal units per gross square foot by 2.5 percent annually through the end of fiscal year 2025, relative to the baseline of the agency's building energy use in fiscal year 2016 and taking into account agency progress to date. See <https://www.fedcenter.gov/programs/eo13693/> for more information on EO 13423.

Sick Building Syndrome (SBS)

The Sick Building Syndrome (SBS) is a health condition where occupants of buildings (especially in commercial and institutional facilities) experience irritation of the eyes, nose, throat, neurotoxic or general health problems, skin irritation, nonspecific hypersensitivity reactions, odor and taste sensations, and stress-related issues, due to poor indoor air quality. EPA identifies four main causes or contributing factors to sick building syndrome: inadequate ventilation, chemical contaminants from indoor and outdoor sources, and biological contaminants. Certain products used in building construction and O&M such as adhesives, carpeting, upholstery, manufactured wood products, copy machines, pesticides, and cleaning agents may emit **Volatile Organic Compounds (VOC's)** - including formaldehyde - that affects indoor air quality. The consequence is an increase in absenteeism rates and decrease in production, which directly affect businesses and property management, especially considering that Americans spend 90% of their time indoors¹ and the highest the cost of a building is the cost of the people inside. Therefore, the use of low or zero emitting products, elimination of conditions that encourage allergenic mold growth, and a building design that decreases the chance of cross-contamination is a necessary approach not only to achieve lower O&M costs but also to enhance public health.



¹ U.S. EPA: Buildings and their Impact on the Environment: A Statistical Summary <http://www.epa.gov/greenbuilding/pubs/gbstats.pdf>

1.7 Comprehensive Procurement Guidelines (CPG)

The Comprehensive Procurement Guidelines (CPG) is a program from the U.S. Environmental Protection Agency (U.S. EPA) that fosters the use of products recovered from solid waste by determining minimum recycled content percentages for a variety of material types. They are grouped in the following categories: Construction Products; Landscaping Products; Non-paper Office Products; Paper and Paper Products; Park and Recreation Products; Transportation Products; Vehicular Products; and Miscellaneous Products. Compliance with the EPA-CPG is mandatory for federal, state, and local agencies and their contractors that spend more than \$10,000 a year from federal funds on the targeted item. Table 1 shows recommended recycled content percentages for some of the product types addressed in the CPG.

See <http://www.epa.gov/epawaste/consERVE/tools/cpg/products/index.htm#construct> for more information on the CPG.

Table 1. Recycled content % recommended by EPA's Comprehensive Procurement Guidelines (CPG).*

* See Appendix A for more CPG's recycled content recommendations for the following products: Construction Products, Landscape Products, Nonpaper Office Products, Paper and Paper Products, Park and Recreation Products, Transportation Products, Vehicular Products, Miscellaneous Products.

Construction Products

Building Insulation¹

Product	Material	Postconsumer Content (%)	Total Recovered Material Content (%)
Rock Wool	Slag	-	75
Fiberglass	Glass Cullet	-	20-25
Cellulose Loose-Fill and Spray-On	Postconsumer Paper	75	75
Perlite Composite Board	Postconsumer Paper	23	23
Plastic Rigid Foam, Polyisocyanurate/Polyurethane			
Rigid Foam	-	-	9
Foam-in-Place	-	-	5
Glass Fiber Reinforced	-	-	6
Phenolic Rigid Foam	-	-	5
Plastic, NonWovenBatt	Recovered and/or Post-consumer Plastics	-	100

¹ The recommended recovered materials content levels are based on the weight (not volume) of materials in the insulating core only.

Carpet

Product	Material	Postconsumer Content (%)	Total Recovered Material Content (%)
Polyester Carpet Face Fiber ²	PET	25-100	25-100
Carpet cushion³			
Bonded polyurethane	Old carpet cushion	15-50	15-50
Jute	Burlap	40	40
Synthetic fibers	Carpet fabrication scrap	--	100
Rubber	Tire rubber	60-90	60-90

Cement and Concrete

Product	Material
Coal fly ash	<ul style="list-style-type: none"> - Replacement rates of coal fly ash for cement in the production of blended cement generally do not exceed 20-30 % - Coal fly ash blended cements may range from 0-40 % coal fly ash by weight - 15% when coal fly ash is used as a partial cement replacement as an admixture in concrete
Ground granulated blast furnace slag (GGBF slag)	<ul style="list-style-type: none"> - GGBF slag may replace up to 70% of the Portland cement in some concrete mixtures - Most GGBF slag concrete mixtures contain between 25-50% GGBF slag by weight - Refer to ASTM C 595 for the GGBF slag content
Cenospheres	- 10% cenospheres by volume
Silica fume	- 5-10% of cementitious material on a dry weight basis.

Latex Paints

Product	Postconsumer Content (%)	Total Recovered Material Content (%)
Reprocessed Latex Paint⁴		
White, Off-White, Pastel Colors	20	20
Grey, Brown, Earthtones, and Other Dark Colors	50-99	50-99
Consolidated Latex Paint	100	100

¹ The recommended recovered materials content levels are based on the weight (not volume) of materials in the insulating core only.

² EPA recommends that, based on the recovered materials content levels shown in the table above, procuring agencies establish minimum content standards for use in purchasing polyester carpet for moderate-wear applications. This recommendation does not include polyester carpet for use in heavy-wear or severe-wear applications.

³ EPA's recommendations do not preclude a procuring agency from purchasing another type of carpet cushion. They simply require that procuring agencies, when purchasing bonded polyurethane, jute, synthetic fiber, or rubber carpet cushions, purchase these items made with recovered materials when these items meet applicable specifications and performance requirement. Refer to Section C-4 in RMAN I for EPA's recommendations for purchasing polyester carpet containing recovered materials.

⁴ EPA's recommendation does not preclude agencies from purchasing paints manufactured from other, non-latex materials, such as oil-based paints. It simply recommends that procuring agencies, when purchasing latex paints, purchase these items made from postconsumer recovered materials when these items meet applicable specifications and performance requirements.

Floor Tiles and Patio Blocks¹

Product	Material	Postconsumer Content (%)	Total Recovered Material Content (%)
Patio Blocks:			
	Rubber or Rubber Blends	90-100	--
	Rubber or Rubber Blends	--	90-100
Floor Tiles:			
	Rubber	90-100	--
	Plastic	--	90-100

Flowable Fill (per cubic yard)

Product	Material
Cement	50 lbs.
Coal fly ash	250 lbs.
Foundry sand	2,850 lbs.
Water	500 lbs.

• SEE APPENDIX FOR RECOMMENDATIONS ON MORE CONSTRUCTION PRODUCTS: Modular Threshold Ramps; Nonpressure Pipe; Railroad Grade Crossing Surfaces; Roofing Materials; Shower and Restroom Dividers/Partitions; Structural Fiberboard and Laminated Paperboard.

Landscaping Products

Compost and Fertilizer Made From Recovered Organic Materials

Product	Material
Compost	EPA does not recommend any content ranges for either compost or fertilizer since both are generally made exclusively from recovered organic materials
Fertilizer	

Garden and Soaker Hoses²

Product	Material	Postconsumer Content (%)
Garden Hose	Rubber and/or Plastic	60-65
Soaker Hose	Rubber and/or Plastic	60-70

¹ EPA clarified in the Federal Register (FR) at 62 FR 60995, November 13, 1997, that the use of floor tiles with recovered materials content might be appropriate only for specialty purpose uses (e.g., raised, open-web tiles for drainage on school kitchen flooring). Such specialty purpose uses involve limited flooring areas where grease, tar, snow, ice, wetness or similar substances or conditions are likely to be present. Thus, EPA has no recovered materials content level recommendations for floortiles made with recovered materials for standard office or more general purpose uses.

² EPA's recommendation does not preclude a procuring agency from purchasing garden and soaker hoses manufactured from another material. It simply requires that a procuring agency, when purchasing garden and soaker hoses made from plastic or rubber, purchase these items made with recovered materials when these items meet applicable specifications and performance requirements.

Hydraulic Mulch¹

Product	Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Paper-Based Hydraulic Mulch	Paper	100	100
Wood-Based Hydraulic Mulch	Wood and Paper	--	100

Lawn and Garden Edging²

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Plastic and/or Rubber	30-100	30-100

Plastic Lumber Landscaping Timbers and Posts³

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
HDPE	25-100	75-100
Mixed plastics/Sawdust	50	100
HDPE/Fiberglass	75	95
Other mixed resins	50-100	95-100

Nonpaper Office Products

Binders, Clipboards, File Folders, Clip Portfolios, and Presentation Folders⁴

Item	Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Binders	Plastic-covered	--	25-50
	Paper-covered	75-100	90-100
	Pressboard	20	50
	Solid plastic		
	HDPE	90	90
	PE	30-50	30-50
	PET	100	100
	Misc. plastics	80	80

¹ The recommended recovered materials content levels are based on the dry weight of the fiber, exclusive of any dyes, wetting agents, seeds, fertilizer, or other non-cellulose additives.

² EPA's recommendation does not preclude a procuring agency from purchasing lawn and garden edging manufactured from another material such as wood. It simply requires that a procuring agency, when purchasing lawn and garden edging made from plastic and/or rubber, purchase these items made with recovered materials when these items meet applicable specifications and performance requirements.

³ EPA's recommendations do not preclude a procuring agency from purchasing wooden landscaping timbers and posts. They simply require that procuring agencies, when purchasing plastic landscaping timbers and posts, purchase these items made with recovered materials when the items meet applicable specifications and performance requirements.

⁴ EPA's recommendations do not preclude a procuring agency from purchasing binders, clipboards, file folders, clip portfolios, or presentation folders made from another material. They simply require that procuring agencies, when purchasing these items made from the materials above, purchase them made from recovered materials when these items meet applicable specifications and performance requirements.

Binders, Clipboards, File Folders, Clip Portfolios, and Presentation Folders (cont.)

Item	Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Plastic clipboards	HDPE	90	90
	PS	50	50
	Misc. plastics	15	15-80
Plastic file folders	HDPE	90	90
Plastic clip portfolios	HDPE	90	90
Plastic presentation folders	HDPE	90	90

Office Furniture

Product	Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Furniture structure	Steel ¹	16	25-30
Furniture structure	Aluminum	--	75-100
Cellulose Loose-Fill and Spray-On	Postconsumer Paper	75	75
Particleboard/Fiberboard component ²	Wood or wood composite	Greater than 0	80-100
	Agricultural fiber	--	100
Fabric	PET	100	100
Plastic furniture component	HDPE	70-75	95
Remanufactured or refurbished furniture	Various	25-75	25-75

• SEE APPENDIX FOR RECOMMENDATIONS ON MORE NONPAPER OFFICE PRODUCTS: Office Recycling Containers and Waste Receptacles; Plastic Desktop Accessories; Plastic Envelopes; Plastic Trash Bags; Printer Ribbons; Toner Cartridges.

¹ The recommended recovered materials content levels for steel in this table reflect the fact that the designated item is generally made from steel manufactured in a Basic Oxygen Furnace (BOF). Steel from the BOF process contains 25% - 30% total recovered steel, of which, 16% is postconsumer steel.

² Particleboard and fiberboard used in the wood components of office furniture may also contain other recovered cellulosic materials, including, but not limited to, paper, wheat straw, and bagasse. The percentages of these materials contained in the product would also count toward the recovered materials content level of the item. In addition, while EPA has no evidence or indication that wood treated with chromated copper arsenate (CCA) is currently used in office furniture, EPA is not recommending the use of CCA-treated wood as a recovered material in office furniture. The arsenic in CCA is a known human carcinogen and EPA is currently conducting a thorough and comprehensive risk assessment of CCA as a part of the pesticide reregistration process for CCA. In addition, EPA is conducting a risk assessment for children who contact CCA-treated wood playsets and decks.

Printing and Writing Papers

Item	Postconsumer Fiber (%)	Recovered Fiber (%)
Recommended Recovered Fiber Content Levels for Uncoated Printing and Writing Papers		
Reprographic Paper (e.g., mimeo and duplicator paper, high-speed copier paper, and bond paper ¹)	30	30
Offset Paper (e.g., offset printing paper ¹ , book paper ¹ , and bond paper ³)	30	30
Tablet Paper (e.g., offset paper such as note pads, stationery ¹ , and other writing ¹ papers)	30	30
Forms Bond (e.g., forms, computer printout paper, and ledger ¹)	30	>30
Envelope Paper (excludes custom envelopes)		
Wove	30	30
Kraft, white, and colored (including manila)	10-20	10-20
Kraft, unbleached	10	10
Cotton Fiber Paper (e.g., cotton fiber papers, ledger ¹ , stationery ¹ and matching envelopes, and other writing ¹ papers)	30	30
Text & Cover Paper (e.g., cover stock, book paper ¹ , stationery ¹ and matching envelopes, and other writing ¹ paper)	30	30
Supercalendered	10	10
Machine Finish Groundwood	10	10
Papeteries	30	30
Check Safety Paper	10	10
Recommended Recovered Fiber Content Levels for Coated Printing and Writing Papers		
Coated Printing Paper	10	10
Carbonless	30	30
Recommended Recovered Fiber Content Levels for Bristols²		
File Folders (manila and colored)	30	30
Dyed Filing Products	20	20-50
Cards (index, postal, and other, including index sheets)	20	50
Pressboard Report Covers and Binders	20	50
Tags and Tickets	20	50

Newsprint²

Item	Postconsumer Fiber (%)	Recovered Fiber (%)
Newsprint	20-85	20-100

¹ These items can be made from a variety of printing and writing papers, depending on the performance characteristics of the item. Some of the papers are a commodity-type and some are specialty papers. EPA recommends that procuring agencies determine the performance characteristics required of the paper prior to establishing minimum content standards. Bond, ledger, or stationery made from cotton fiber paper or a text & cover paper, for example, have different characteristics than similar items made from commodity papers.

² The content levels for all EPA recommendations should be read as X% recovered fiber, including Y% postconsumer fiber and not as X% recovered fiber plus Y% postconsumer fiber.

Paper and Paper Products (cont.)

Commercial/ Industrial Sanitary Tissue¹

Item	Postconsumer Fiber (%)	Recovered Fiber (%)
Bathroom Tissue	20-60	20-100
Paper Towels	40-60	40-100
Paper Napkins	30-60	30-100
Facial Tissue	10-15	10-100
General Purpose Industrial Wipers	40	40-100

Paperboard and Packaging

Item	Postconsumer Fiber (%)	Recovered Fiber (%)
Corrugated containers²		
- (<300 psi)	25-50	25-50
- (300 psi)	25-30	25-30
Solid Fiber Boxes	40	40
Folding Cartons ³	40-80	100
Industrial paperboard (e.g., tubes, cores, drums, and cans)	45-100	100
Miscellaneous (e.g., pad backs, covered binders, book covers, mailing tubes, protective packaging)	75-100	90-100
Padded mailers	05-15	05-15
Carrierboard ⁴	10-15	10-100
Brown papers (e.g., wrapping paper and bags)	05-20	05-40

- **SEE APPENDIX FOR RECOMMENDATIONS ON MORE PAPER AND PAPER PRODUCTS: Miscellaneous Paper Products**
- **SEE APPENDIX FOR RECOMMENDATIONS ON PARK AND RECREATION PRODUCTS: Park Benches and Picnic Tables; Plastic Fencing; Playground Equipment; Playground Surfaces; Running Tracks**
- **SEE APPENDIX FOR RECOMMENDATIONS ON TRANSPORTATION PRODUCTS: Channelizers, Delineators, and Flexible Delineators; Parking Stops; Traffic Barricades; Traffic Cones**
- **SEE APPENDIX FOR RECOMMENDATIONS ON VEHICULAR PRODUCTS: Engine Coolants; Rebuilt Vehicular Parts; Re-Refined Lubricating Oil; Retread Tires**
- **SEE APPENDIX FOR RECOMMENDATIONS ON MISCELLANEOUS PRODUCTS: Awards and Plaques; Bike Racks; Blasting Grit; Industrial Drums; Manual-Grade Strapping; Mats; Pallets; Signage**

¹The content levels for all EPA recommendations should be read as X% recovered fiber, including Y% postconsumer fiber and **not** as X% recovered fiber plus Y% postconsumer fiber.

²The recovered fiber and postconsumer fiber content is calculated from the content of each component relative to the weight each contributes to the total weight of the box.

³The recommended content ranges are not applicable to all types of paperboard used in folding cartons. Cartons made from solid bleached sulfate or solid unbleached sulfate contain no or small percentages of postconsumer fiber, depending on the paperboard source.

⁴Carrierboard made from unbleached kraft contains up to 25% recovered fiber, while carrierboard made from recycled paperboard contains up to 100% recovered fiber.

II. DEFINITIONS

A

AGM: Absorbed Glass Mat batteries

ARRA 2009: American Recovery and Reinvestment Act of 2009, commonly known as the Economic Stimulus Package.

ASHRAE STANDARD 90.1: Energy Standard for Buildings Except Low-Rise Residential Buildings

B

BIOPREFERRED USDA CERTIFIED BIOBASED PRODUCT: Labels products containing biobased (plant-based) material. It offers a catalog of products that contain a minimum amount biobased content.
<http://www.biopREFERRED.gov/?SMSESSION=NO>

BIODEGRADABLE: Material that will breakdown by micro-organisms into stable compounds such as water and CO₂.

BIOMIMICRY: The method of emulating nature's systems in human technology.

C

CAL PROP65: Proposition 65 requires the State of California to publish a list of chemicals known to cause cancer or birth defects or other reproductive harm.
<http://oehha.ca.gov/prop65/background/p65plain.html>

CA TITLE 24 COMPLIANT, CA 01350 COMPLIANT: Certifies that a product meets California's building efficiency standards, which are among the most stringent in the country.

CE: Conformance European

CENOSPHERES: A lightweight, inert, hollow sphere filled with inert air or gas, typically produced as a byproduct of coal combustion at thermal power plants.
<http://en.wikipedia.org/wiki/Cenosphere>

CHLOROFUOROCARBON (CFC): Class of synthetic chemicals, used in a variety of industrial, commercial, and household applications. Examples include: coolants for commercial and home refrigeration units, aerosol propellants, electronic cleaning solvents, and blowing agents. CFCs, along with other chlorine- and bromine-containing compounds, have been implicated in the accelerated depletion of ozone in the Earth's stratosphere. CFCs have been phased out in preference for HCFCs.

CISPI: Cast Iron Soil Pipe Institute

CPG: Comprehensive Procurement Guideline Program is sponsored by the EPA in order to promote the use of materials recovered from solid waste. It is authorized by Congress under Section 6002 of the Resource Conservation and Recovery Act (RCRA) and Executive Order 13423.
<http://www.epa.gov/epawaste/conserves/tools/cpg/index.htm>

COEFFICIENT OF THERMAL EXPANSION: Describes how the size of an object changes with a change in temperature. Specifically, it measures the fractional change in size per degree change in temperature at a constant pressure.

COMPREHENSIVE PROCUREMENT GUIDELINES (CPG): A program that is part of EPA's continuing effort to promote the use of materials recovered from solid waste.

CSA: Canadian Standards Association
<http://www.csa.ca/cm/ca/en/about-csa>

D

DSIRE: Database of State Incentives for Renewables & Efficiency

DUAL-FLUSH: system in toilets to control the amount of water per flush.

E

EARTHCRAFT COMPLIANT: A green building certification program that serves the south-east region of the U.S.

ECO-FRIENDLY: A term used to refer to goods and services, laws, guidelines and policies claimed to inflict minimal or no harm on the environment.
http://en.wikipedia.org/wiki/Environmentally_friendly

EMBODIED ENERGY: The total primary energy consumed by a product (carbon released over its life cycle). This would normally include extraction, manufacturing and transportation. Ideally the boundaries would be set from the extraction of raw materials (including fuels) until the end of the products lifetime (including energy from manufacturing, transport, energy to manufacture capital equipment, heating and lighting of factory, maintenance, disposal etc.), known as 'Cradle-to-Grave'. It has become common practice to specify the embodied energy as 'Cradle-to-Gate', which includes all energy (in primary form) until the product leaves the factory gate. The final boundary condition is 'Cradle - to-Site', which includes all of the energy consumed until the product has reached the point of use (ie the building site).

ENERGY FACTOR (EF): An efficiency rating for water heaters derived from the ratio of useful energy output from a water

heater to the total amount of energy delivered to the appliance. The higher the EF, the more efficient the model.

EPACT: Energy Policy Act of 2005. The act, described by proponents as an attempt to combat growing energy problems, changed US energy policy by providing tax incentives and loan guarantees for energy production of various types.
http://www1.eere.energy.gov/buildings/appliance_standards/pdfs/epact2005_appliance_std.pdf

ENERGYSTAR: A government backed program that identifies and promotes energy efficient products.

EPA REGISTRATION NUMBER: The Environmental Protection Agency Registration Number and the Establishment Number are required on all pesticide products to provide a unique product number for regular registrations, distributor registrations, Special Local Needs registrations, and Experimental Use Permits.
<http://www.epa.gov/oppad001/chemregindex.htm>

F

FAA: Federal Aviation Administration

FCC: Federal Communications Commission

FIRST-HOUR RATING (FHR): First-Hour Rating is the amount of hot water in gallons a storage water heater can supply per hour (starting with a tank full of hot water).

FORMALDEHYDES: see “urea-formaldehyde”

FSEC: Florida Solar Energy Center

G

GALLONS PER MINUTE (GPM): Gallons per minute is the amount of hot water in gallons a tankless water heater can supply per minute over a 77°F temperature rise.

GREENHOUSE GASES (GHG): Gases that trap heat in the atmosphere and increase global warming, including: Carbon Dioxide, Methane, Nitrous Oxide, and Fluorinated Gases (CFCs, HCFCs, and halons).

GREENSEAL (GS-33), CRITERION 3.4.3: “3.4.3 Property shall use non-phosphate, nontoxic, biodegradable, concentrated liquid or powder laundry detergents”.
http://www.greenseal.org/Portals/0/Documents/Standards/GS-33/GS-33_Hotels_and_Lodging_Properties_Standard.pdf

GWP: Global Warming Potential

H

HERS: Home Energy Rating Systems <http://www.usahers.com/>

HET: High Efficiency Toilet

HFC: Hydrofluorocarbons

HIGH-DENSITY POLYETHYLENE (HDPE): High-density polyethylene (HDPE) is a type of plastic made from petroleum. Since this material can be remolded by subsequent melting and shaping, it is classified as a polyethylene thermoplastic. It can also be joined in segments when welded or machined. However, it does not accept adhesives very well. Also known as polyethylene high-density (PEHD), products made of high-density polyethylene are marked by the imprint of the number “2” surrounded by the Möbius strip recognized as the universal recycling symbol.

H-POWER: power plants that generates energy from waste, therefore also called “energy-from-waste” or “waste-to-energy” facilities.

HSEA: Hawai‘i Solar Energy Association <http://www.hsea.org/>

HYDROCHLOROFLUOROCARBON (HCFC): A class of chemicals being used to replace CFCs. They contain chlorine and deplete stratospheric ozone, but to a lesser extent than CFCs. HCFCs have ozone depletion potentials ranging from 0.01 to 0.1. Production of HCFCs with the highest ODPs are being phased out first, followed by other HCFCs.

I

IAPMO: International Association of Plumbing and Mechanical Officials <http://www.iapmo.org/Pages/splash.aspx>

IAQ: Indoor Air Quality

ICAO: International Civil Aviation Organization

IEC 60529: standard developed through the International Electrotechnical Commission (IEC) that describes a system for classifying the degree of protection provided by an enclosure.

INTERNATIONAL DARK SKY ASSOCIATION (IDA) GUIDELINES: IDA is the recognized authority on light pollution; their guidelines outline methods for improving nighttime lighting.

L

LAMINATES: Resin-impregnated paper glued to a particleboard backing.

LEED: Leadership in Energy & Environmental Design
<http://www.usgbc.org/DisplayPage.aspx?CategoryID=19>

M

MODIFIED ENERGY FACTOR (MEF): The official energy efficiency metric used to compare relative efficiencies of different clothes washers. MEF considers the energy used to run the washer, heat the water, and run the dryer. The higher the MEF, the more efficient the clothes washer.

DEFINITIONS (cont.)

N

NAIMA: North American Insulation Manufacturers Association

NAUF or NAF: No Added Urea-Formaldehyde

NEMA 250: National Electrical Manufacturers Association

NGBS: National Green Building Standards

<http://www.nahbgreen.org/>

NPDES: National Pollutant Discharge Elimination System

<http://cfpub.epa.gov/npdes/>

NWFA: National Wood Flooring Association

O

O & M: Operation & Maintenance

OTA: Organic Trade Association is a membership-based business association that focuses on the organic business community in North America. OTA's mission is to promote and protect the growth of organic trade to benefit the environment, farmers, the public and the economy.

<http://www.ota.com/about/accomplishments.html>

OZONE DEPLETION POTENTIAL (ODP): Relative value that indicates the potential of a substance to destroy ozone gas as compared with the potential of chlorofluorocarbon-11 (CFC-11) which is assigned a reference value of 1. Thus, a substance with ODP of 2 is twice as harmful as CFC-11.

ODS: Ozone Depleting Substances.

P

PEHD: Polyethylene High-Density

PETROCHEMICALS: Chemical products processed from petroleum, a finite resource that is energy-intensive and polluting to extract, ship, and process.

POLYCARBONATE: Any of a class of thermoplastics characterized by high-impact strength, light weight, and flexibility, and used as shatter-resistant substitutes for glass.

POLYETHYLENE HIGH-DENSITY (PEHD): See High-Density Polyethylene

POLYVINYL CHLORIDE (PVC): A common thermoplastic resin, used in a wide variety of manufactured products, including rainwear, garden hoses, phonograph records, and floor tiles. The chemicals in PVC can cause cancer, birth defects, genetic changes, chronic bronchitis, ulcers, skin diseases, deafness, vision failure, indigestion, and liver dysfunction.

POST-CONSUMER/POST-INDUSTRIAL RECYCLED CONTENT:

is typically measured by percentage of recycled content by weight.

POST-CONSUMER recycled materials are more likely to be diverted from landfills and are considered environmentally preferable to post industrial recycled materials.

POST-INDUSTRIAL OR PRE-CONSUMER recycled materials are derived from the manufacturing waste.

PPM: Parts Per Million

R

R-VALUE: A measure of a material's resistance to heat flow. A higher R-value indicates a higher insulating capacity. Increasing the R-value of a roof assembly will help keep interior spaces cool by resisting the transfer of solar heat. R-value is also the inverse of a material's U-value.

RAMMED EARTH: A construction technique that utilizes earthen mixture from the building site that is then "rammed" into formwork to create walls.

RAPIDLY RENEWABLE PRODUCTS: Have a harvesting rotation of typically less than 10 years and are often agricultural crops.

RENEWABLE ENERGY: Energy that comes from natural sources. Includes solar water heaters, photovoltaic systems, and wind turbines.

R-PET: Recycled Polyethylene Terephthalate

RESNET: Residential Energy Services Network

<http://www.resnet.us/professional>

ROHS: Restriction of Hazardous Substances, European Union directive to restrict hazardous materials in electronic and electrical equipment.

S

SALVAGED MATERIALS: Typically sold by regional salvage yards, helps to reduce demand for raw materials.

SEASONAL ENERGY EFFICIENCY RATING (SEER): A rating system that evaluates the efficiency of equipment and products. The higher the rating, the higher the efficiency.

SEIA: Solar Energy Industry Association

SIPS: Structural Insulated Panel

SOLAR FRACTION (SF): Solar Fraction is used to measure the efficiency of solar water heaters. It measures the portion of the total conventional hot water heating load (delivered energy and tank standby losses) provided by solar energy. The higher the SF is, the more efficient the solar water heater.

SOLAR HEAT GAIN COEFFICIENT (SHGC):

The SHGC is the fraction of incident solar radiation admitted through a window, both directly transmitted and absorbed and subsequently released inward. SHGC is expressed as a number between 0 and 1. The lower a window's solar heat gain coefficient, the less solar heat it transmits.

SRCC: Solar Rating & Certification Corporation

<http://www.solar-rating.org/ratings/og100.htm>

SOLAR REFLECTANCE INDEX (SRI): Solar Reflectance is the fraction of the incident solar energy which is reflected by a surface.

SONE: Measurement of loudness. One SONE is equivalent to the level of sound from a residential refrigerator.

STC - SOUND TRANSMISSION CLASS: A rating of a material's ability to resist sound transfer. The higher the STC rating, the greater the ability to block the transfer of sound.

STORMWATER RUNOFF: Can contain a variety of harmful pollutants such as heavy metals, fertilizers, herbicides, paint, fuel, oil, along with inorganic and organic debris and dust.

T

TEMPERATURE RISE: The difference between the temperature of hot water exiting a heater and the cold water entering a heater. If you want a shower of 110°F and you live in south Florida with groundwater at 70°F, then that is a 40°F temperature rise (110-70=40).

THERMAL EFFICIENCY RATING: Used for rating biomass-burning stoves, a rating of over 75% is required for energy-efficiency tax credits.

THERMAL EMITTANCE (INFRARED EMITTANCE): Infrared Emittance is a parameter between 0 and 1 which measures the ability of a warm or hot material to shed some of its heat in the form of infrared radiation.

TVOC: Total volatile organic compounds (VOC's)

U

UFAD: Under Floor Air Delivery

URBAN HEAT ISLAND EFFECT: The rise in temperature of any man-made area, resulting in a well-defined, distinct "warm

island" among the "cool sea" represented by the lower temperature of the area's nearby natural landscape. The Urban Heat Island Effect negatively impacts the residents of urban-related environs and has been indirectly related to climate change due to their contribution to the greenhouse effect, and therefore, to global warming.

UREA-FORMALDEHYDE: Formaldehydes are naturally occurring, however, urea-formaldehyde is commonly added to adhesives, finishes, and wood products and is considered by the EPA to pose health risks.

U-VALUE: The rate of heat loss through a window assembly where the lower the rate, the better a material's resistance to heat transfer. A U-factor of 0.30 or lower translates to a greater resistance to heat flow and improved insulating properties.

UV RESISTANT/UV-STABLE: Excellent color retention, resistant to fading from UV rays.

V

VLT: VISIBLE LIGHT TRANSMISSION: Refers to the amount of light passing through glass, measured as a percentage; a higher percentage translates to more light in the interior space. Low VLT can translate to cooler interior spaces, but would reduce the potential for daylighting contribution as well. This does not measure UV transmittance.

VOLATILE ORGANIC COMPOUNDS (VOCs): Emitted gases from certain solids or liquids. VOCs include a variety of chemicals, some of which may have short- and long-term adverse health effects. Concentrations of many VOCs are consistently higher indoors (up to ten times higher) than outdoors. VOCs are emitted by a wide array of products numbering in the thousands.

W

WATER FACTOR (WF): A measurement of water efficiency that is calculated as gallons of water used per cubic foot of capacity. The lower the WF, the more efficient the clothes washer.

III. THIRD-PARTY CERTIFICATION

As the awareness of the impact of buildings and materials grows, an increasing number of third party certification programs have arisen to certify products, buildings and community design, corporate practices, and individual professionals committed to the promotion and implementation of environmental practices. The following tables present examples of these certifications for: products (Table 1), for buildings (Table 2), and for professionals (Table 3).

Table 1. for Products

Logo	Name (bullets indicate label categories)	Target Group	Evaluated Attributes	Description	List of Certified Products	Website
	Carpet and Rug Institute (CRI): Green Label Carpet Testing Program <ul style="list-style-type: none"> • CRI Green Label • CRI Green Label Plus 	Carpet, cushions and adhesives	<ul style="list-style-type: none"> • VOC emissions (tested in accordance with California Section 01350 program) 	The CRI Green Label test carpet, cushions and adhesives to help specifiers identify products with very low emissions of VOCs	https://www.carpet-rug.org/CRI-Testing-Programs/Green-Label-Plus/Carpet,-Adhesive-Cushion/GLP-Carpet-Products.aspx	https://www.carpet-rug.org/CRI-Testing-Programs/Green-Label-Plus.aspx
	Carpet and Rug Institute (CRI): CRI Seal of Approval	Cleaning solutions, vacuums, deep cleaning extractors and systems	<ul style="list-style-type: none"> • Overall cleaning effectiveness • Rate of resoling (ensures that the product does not attract dirt to the cleaned areas faster than the rest of the carpet) • Carpet dyes and fibers are not adversely affected by the cleaning product • Surface texture change • No patches of carpet are lighter than the rest after cleaning • Colorfastness • Carpet fiber retention (vacuums) • Dust containment (vacuums) • Soil removal (vacuums) 	The CRI Seal of Approval program identifies effective carpet cleaning solutions and equipment so carpets are cleaner, healthier and last longer	http://www.carpet-rug.org/Carpet-for-the-Home/Cleaning-and-Maintenance/Manufacturer-Recommended-Deep-Cleaning-Methods-and.aspx	https://www.carpet-rug.org/Carpet-for-the-Home/Cleaning-and-Maintenance/CRI-Seal-of-Approval-Program.aspx
	Cradle to Cradle Certified^{CM} (C2C) <ul style="list-style-type: none"> • Basic • Silver • Gold • Platinum 	Products or materials from any industry	<ul style="list-style-type: none"> • Material Health • Material Reutilization • Renewable Energy Use • Water Stewardship • Social Responsibility 	Focuses on life-cycle assessment, i.e., the practices employed to manufacture the product, and whether those use materials that are safe to humans and the environment	http://www.c2ccertified.org/products/registry	http://www.c2ccertified.org/

III. THIRD-PARTY CERTIFICATION

Logo	Name (bullets indicate label categories)	Target Group	Evaluated Attributes	Description	List of Certified Products	Website
	Design for the Environment (DfE) Label replaced by Safer Choice as of February 2016	Cleaners and detergents in general: car care, pet care, floor care, odor removal, ink, graffiti remover, and more	DfE assures that the chemicals are: <ul style="list-style-type: none"> • Non-toxic to human health • Biodegradable • Non-polluting to water bodies and aquatic life 	Recognizes household and commercial products that use chemical ingredients that are safer for human health and the environment		https://www.epa.gov/saferchoice
	ENERGY STAR	Appliances, sealing and insulating products, roof products, windows, doors, skylights, computer & electronics, heating & cooling, lighting and fans, plumbing products	<ul style="list-style-type: none"> • Energy efficiency • Water efficiency • Solar Reflectance Index (SRI) • R-value • Warranty coverage • Safety • Ability to deliver the features demanded 	Government-backed symbol identifying products that help reduce greenhouse gas emissions and other pollutants through enhanced energy use. Devices carrying the ENERGY STAR label generally use 20%–30% less energy than required by federal standards	https://www.energystar.gov/products	https://www.energystar.gov/
	Electronic Product Environmental Assessment Tool (EPEAT) <ul style="list-style-type: none"> • Bronze • Silver • Gold 	Electronic products	<ul style="list-style-type: none"> • Reduction/ elimination of environmentally sensitive materials • Materials selection • Design for end of life • Product longevity • Energy conservation • End of life management • Corporate performance • Packaging 	Evaluates design, production, energy and materials use, recyclability and packaging of electronic products based on the compliance with 23 criteria	http://ww2.epeat.net/searchoptions.aspx	http://www.epeat.net/
	FloorScore	Flooring and adhesives	<ul style="list-style-type: none"> • Indoor Air Quality (complies with VOCs levels listed under the California Section 01350 program) 	Certifies hard surface flooring and flooring adhesive products for compliance with rigorous indoor air quality emissions requirements	http://www.rfci.com/index.php?option=com_content&view=article&id=101&Itemid=100	http://www.scs-certified.com/gbc/floorscore.php

III. THIRD-PARTY CERTIFICATION

Logo	Name (bullets indicate label categories)	Target Group	Evaluated Attributes	Description	List of Certified Products	Website
	Forest Stewardship Council (FSC) FSC 100% FSC Mixed Sources FSC Recycled	Forest products (including paper)	<ul style="list-style-type: none"> Habitat destruction Water pollution Displacement of indigenous peoples or wildlife Respect rights of workers Reduction of environmental impact of logging activities Identification and appropriate management of areas that need special protection (e.g. cultural or sacred sites, habitat of endangered animals or plants) 	Recognizes forest products that come from responsible sources. The harvesting, manufacturing, and the end product are tracked through chain-of-custody (CoC) process. The FSC label certifies wood products originated from that lands throughout the world.	http://info.fsc.org/	http://www.fsc.org/
 	GREENGUARD <ul style="list-style-type: none"> GREENGUARD Indoor Air Quality Certified® GREENGUARD Children & Schools SM Certified GREENGUARD Premier SM Certified GREENGUARD Building Construction SM Certified GREENGUARD Environ- mental Institute's formaldehyde free declaration GREENGUARD Listings Programs: <ul style="list-style-type: none"> Chemical Emissions Listings Microbial Resistance Listings 	Low-emitting building materials, furniture, furnishings, finishes, cleaning products, electronics and consumer products	<ul style="list-style-type: none"> VOC emissions Mold growth resistance Chemicals emissions 	Certifies individual products or complete product lines that meet strict standards for indoor air quality, addressing the presence of formaldehydes, heavy metals and toxins.	http://www.greenguard.org/en/QuickSearch.aspx	http://www.greenguard.org/en/index.aspx

III. THIRD-PARTY CERTIFICATION

Logo	Name (bullets indicate label categories)	Target Group	Evaluated Attributes	Description	List of Certified Products	Website
	Green Seal	Construction materials & equipment, food packaging, hand soaps & cleaners, household products, institutional cleaning products, paints & coatings, paper towels, napkins & tissue paper, printing & writing paper, vehicles	<ul style="list-style-type: none"> • Reduced toxicity • VOC emissions • Recycled post-consumer content • Life-cycle • Reduced reliance on petrochemical-based fuels, reduced emissions, and reduced air pollution • Energy efficiency • Packaging 	Green Seal develops life cycle based sustainability standards for products, services and companies and offer third-party certification for those that meet the criteria in the standard	http://www.greenseal.org/FindGreenSealProductsAndServices.aspx	http://www.greenseal.org/
	Level™ • Level 1• Level 2• Level 3	Furniture	<ul style="list-style-type: none"> • Company's social actions • Design for Environment (DFE) label • EnergyStar equivalent of 60 or higher • Climate neutrality • Recycled content • Efficiency of material usage • Biodegradability • Selection of rapidly renewable materials • Life cycle assessments • Human and ecosystem health impacts 	Identifies products from the furniture industry that presents multiple sustainability attributes.	http://products.levelcertified.org/	http://levelcertified.org/
	National Fenestration Rating Council (NFRC)	Windows, doors, skylights, and attachment products	<ul style="list-style-type: none"> • Energy performance (compliance with ASHRAE 90.1 and IECC):U-factor, Solar Heat Gain, etc. 	Independent rating and labeling system for the energy performance of fenestration products.	http://search.nfrc.org/search/searchDefault.aspx	http://www.nfrc.org/

III. THIRD-PARTY CERTIFICATION

Logo	Name (bullets indicate label categories)	Target Group	Evaluated Attributes	Description	List of Certified Products	Website
	<p>Safer Choice</p>	<p>Cleaners and detergents in general: car care, pet care, floor care, odor removal, ink, graffiti remover, and more</p>	<p>Safe Choice assures that the chemicals are:</p> <ul style="list-style-type: none"> • Non-toxic to human health • Biodegradable • Non-polluting to water 	<p>Recognizes household and commercial products that use chemical ingredients that are safer for human health and the environment</p>	<p>https://www.epa.gov/saferchoice/products</p>	<p>https://www.epa.gov/saferchoice</p>
	<p>Scientific Certification System (SCS)• Indoor Advantage™• Indoor Advantage™ Gold• calCOMpliant™ Certification (CARB ATCM)• Environmentally Preferable Carpet Fiber• Environmentally Preferable Product• SCS Biodegradable• SCS No added Formaldehyde• SCS No added UreaFormaldehyde• SCS Reclamation Program• SCS Recycled Content• SCS Salvaged Wood• SCS Sustainable Choice* FloorScore®, FSC, and Level™ are also certification programs administered by SCS</p>	<p>Accessories, adhesives & sealants, apparel, architectural wall, building & construction products, building décor, electronics, flooring, furniture, home & garden products, jewelry, mailing, packing & shipping supplies, office supplies, paints & coatings, paper & pulp products, plastics, precious metal, reclamation process or program, rock, textiles & fiber, treatment, wallcovering</p>	<ul style="list-style-type: none"> • Indoor air quality • Recycled content • Biodegradability • Absence of formaldehyde and added urea-formaldehyde • Sustainable forestry Practices 	<p>Independent certification and verification of environmental, sustainability, stewardship, food quality, food safety and food purity claims.</p>	<p>https://www.scsglobalservices.com/certified-green-products-guide?scscertified=1</p>	<p>https://www.scsglobalservices.com/?scscertified=1</p>

III. THIRD-PARTY CERTIFICATION

Logo	Name (bullets indicate label categories)	Target Group	Evaluated Attributes	Description	List of Certified Products	Website
	Sustainable Forestry Initiative (SFI) <ul style="list-style-type: none"> • Certified Chain of Custody SFI Labels • Certified Sourcing SFI Label 	Wood building products, paper, print & packaging products	<ul style="list-style-type: none"> • Protection of biodiversity, species at risk and wildlife habitat • Sustainable harvest levels • Protection of water Quality 	Certifies wood products obtained through sustainable forest practices and verified through chain-of-custody (CoC) process. Unlike the FSC label, the SFI label only certifies lands in the United States and Canada.	http://64.34.105.23/PublicSearch/MainSearch.aspx?AspxAutoDetectCookieSupport=1	http://www.sfiprogram.org/
	WaterSense	Bathroom Sink Faucets, toilets, flushing urinals, showerheads, new homes	<ul style="list-style-type: none"> • Flow rate (gallons per minute - gpm) • Flush volume (gallons) • Compliance with ASME standards 	Identifies products that have been independently tested and certified to meet EPA criteria for water-efficiency and performance.	https://www3.epa.gov/watersense/product_search.html	https://www3.epa.gov/watersense/

III. THIRD-PARTY CERTIFICATION

Table 2. for Buildings

Logo	Name (bullets indicate label categories)	Target Group	Evaluated Attributes	Description	Website
	<p>ENERGY STAR The rating system is set up as a 1-100 scale</p> <ul style="list-style-type: none"> • 50 indicates average energy performance • 75 or better indicates top performance 	<p>Commercial and institutional buildings, homes</p>	<ul style="list-style-type: none"> • Energy efficiency • Water efficiency • Solar Reflectance U.S. Environmental Protection Agency, 1999 Index (SRI) • R-value • Warranty coverage • Safety • Ability to deliver the features demanded 	<p>Using a free online tool from EPA that calculates performance the Portfolio Manager projects must achieve a rating of 75 or higher in a 1-100 scale to achieve an EnergyStar building label.</p>	<p>https://www.energystar.gov/</p>
	<p>Green Globes</p> <ul style="list-style-type: none"> • 1 Globe • 2 Globes • 3 Globes • 4 Globes 	<p>New and existing commercial buildings</p>	<ul style="list-style-type: none"> • BOMA Best - Building Owners and Managers Association of Canada (In Canada), 2000 • Green Building Initiative (in the U.S.) 	<p>Classification system that utilizes an online platform to assess Energy, Indoor Environment, Site, Water, Resources, Emissions, and Project/Environmental Management. Facilities can be rated as having 1, 2, 3, or 4 globes depending on their performance.</p>	<p>http://www.greenglobes.com/home.asp</p>
	<p>LEED: Leadership in Energy and Environmental Design</p> <ul style="list-style-type: none"> • LEED Certified • LEED Silver • LEED Gold • LEED Platinum 	<p>New and existing commercial and institutional buildings, homes</p>	<ul style="list-style-type: none"> • U.S Green Building Council (USGBC), 1998 • Canada Green Building Council 	<p>Being now in its 4th version, LEEDv3. It is probably the best known classification system for building and communities design. LEED was adapted by the Canada Green Building Council to LEED Canada-NC v1.0 in 2003, which was updated to LEED Canada NC 2009.</p> <p>Green Building Design & Construction</p> <ul style="list-style-type: none"> • LEED for New Construction • LEED for Core & Shell Development • LEED for Schools • LEED for Retail: New Construction and Major Renovations • LEED for Healthcare <p>Green Interior Design & Construction</p> <ul style="list-style-type: none"> • LEED for Retail: Commercial Interior <p>Green Building Operations & Maintenance</p> <ul style="list-style-type: none"> • LEED for Existing Buildings: Operations & Maintenance <p>Green Neighborhood Development</p> <ul style="list-style-type: none"> • LEED for Neighborhood Development Green Home Design and Construction • LEED for Homes 	<p>http://www.usgbc.org/LEED/</p>

III. THIRD-PARTY CERTIFICATION

Logo	Name (bullets indicate label categories)	Target Group	Evaluated Attributes	Description	Website
	<p>Living Building Challenge Certification requires compliance with all “Imperatives”, subdivisions of the “Petals” which are major performance areas</p>	<p>Buildings at all scale, including new construction and renovation, to infrastructure, landscapes and neighborhoods</p>	<p>Cascadia Green Building Council, 2006</p>	<p>The Living Building Challenge goes one step further from similar rating programs and includes “Beauty” and “Equity” as two of the major performance areas to be considered in design besides Site, Water, Energy, Health, and Materials. The 7 performance areas are called “Petals”, all of each are subdivided in Imperatives. Another unique aspect is that certification is issued based on actual performance rather than modeled or anticipated performance. Projects that have proved enhanced performance over the course of at least 12 consecutive months are awarded certification. The 1st Living Building was the Omega Center for Sustainable Living in New York in October 2010. The Hawai’i Preparatory Academy Energy Lab in Big Island-Waimea is pursuing certification and if awarded will be the 1st of its kind to meet the Challenge.</p>	<p>http://living-future.org/lbc</p>

III. THIRD-PARTY CERTIFICATION

Table 3. for Professionals

Logo	Name (bullets indicate label categories)	Target Group	Administrator	Description	Website
	Certified Green Building Engineers (GBE)	Buildings of all types	Association of Energy Engineers	Identifies persons with acceptable knowledge of the principles and practices of green building engineering related disciplines and laws governing and affecting professionals. Professional Engineers and Registered Architects can perform verification for buildings seeking the ENERGY STAR label.	https://www.aeecenter.org/certifications/certifications/green-building-engineer
	Certified Green Professional (CGP)	Homes	National Association of Home Builders (NAHB)	Designation given to builders, remodelers, and other industry professionals that implement green building practices into homes without significantly increasing the construction costs. Requirements include curriculum, experience, and training courses.	https://www.nahb.org/en/learn/designations/certified-green-professional.aspx
	ENERGY STAR Licensed Professional	Commercial and institutional buildings, homes	U.S. Environmental Protection Agency	Professional Engineers and Registered Architects that are legally allowed to validate the Statement of Energy Performance (SEP) and Data Checklist. For buildings pursuing ENERGY STAR certification, these documents communicate to EPA the building's energy performance, its operating physical characteristics, and whether it meets industry standards for thermal comfort, adequate ventilation and illumination.	https://www.energystar.gov/buildings/tools-and-resources/energy-star-guide-licensed-professionals
	LEED Green Associate LEED AP (Accredited Professional) <ul style="list-style-type: none"> • LEED AP BD+C (Building Design+Construction) • LEED AP ID+C (Interior Design+Construction) • LEED AP Homes • LEED AP O+M (Operations and Maintenance) • LEED AP ND (Neighborhood Development) LEED AP Fellow 	New construction and renovation of commercial, institutional and residential buildings	U.S Green Building Council (USGBC)	Credential issued by the USGBC to professionals that proved to have advanced technical knowledge in the LEED certification system after taking the LEED Professional Exams.	http://www.usgbc.org/credentials

Other third-party certification programs mentioned in this guide



California Air Resource Board and Ozone Transport Commission (CARB/OTC): for formaldehyde and VOC emissions. CARB Phase 1 sets thresholds for hardwood plywood's, particle board and medium density fiber (MDF) that are effective in January and July 2009. CARB Phase 2 sets more stringent standards that are effective in January 2011, January 2012 and July 2012.

https://www.iaaqaservices.bureauveritas.com/reach-ccr/regulation_updates/65556.html and <http://www.otcair.org/>



CarbonFree: products that undergo an intensive life-cycle assessment (LCA) to calculate the emissions resulting from each phase in the life of the product including manufacturing, shipping and usage.

<http://www.carbonfund.org/>



Collaborative for High Performance Schools (CHPS): database of sustainable and healthy products for high-performance buildings selected by the Collaborative for High Performance Schools.

<https://www.chpsregistry.com/live/>



Cool Roof Rating Council (CRRC): organization that maintains a third-party rating system for radiative properties of roof surfacing materials.

<http://www.coolroofs.org/>



EcoLogo: is Canada's environmental product certification. It has issued standards for over 300 product categories (such as flooring, paint, electricity, cleaners, office equipment, and paper products), many of which are sold in the United States.¹

<http://www.ecologo.org/en/greenproducts/>

¹ Retrieved from Responsible Purchasing Network website <http://www.responsiblepurchasing.org/>

Other third-party certification programs mentioned in this guide



Global Organic Textile Standard (GOTS): is recognized as the leading processing standard for textiles made from organic fibers worldwide. It defines high level environmental criteria along the entire supply chain of organic textiles and requires compliance with social criteria as well. <http://www.global-standard.org/the-standard.html>



Greener Product: a Greener Product LLC Certification Seal demonstrates that a product complies with the LEED, LEED for Homes and NAHB standards, qualifying to earn credits that contribute to certification under those green building rating systems. http://www.greenerproduct.com/learn/GPCertificationSEAL/Home_GP_Certification7.aspx



Green Wise: paintings and coatings that do not contain chemicals which have been determined to be harmful to humans for the environment and meet LEED requirements for VOC levels. <http://www.greenwisepaint.com/about/>



Master Painters Institute (MPI) Green Performance Standard: assesses performance, chemical component restrictions and maximum allowable limits of volatile organic compounds (VOCs) - as determined by U. S. Environmental Protection Agency (EPA) Reference Test Method 24, Code of Federal Regulations Title 40, Part 60, Appendix A - for paintings and coatings. <http://www.specifygreen.com/EvrPerf/EnvironmentalPerformance.html>

Other third-party certification programs mentioned in this guide



Nordic Swan Ecolabel: evaluates a product's impact on the environment throughout the whole lifecycle. Guarantees among other things that climate requirements are taken into account, and that CO2 emissions (and other harmful gasses) are limited.

<http://www.nordic-ecolabel.org/>



North American Laminate Flooring Association (NALFA): laminate flooring made with natural resources like wood chip fiberboard, recyclable, free of air-damaging chemicals, complies with formaldehyde emissions regulations for laminate flooring core board set forth by the California Air Resources Board (CARB), comprised of recycled content that may contribute points to the Leadership in Energy and Environmental Design (LEED) standards for homes and businesses, and requires no special glues or adhesives during installation (eliminating VOCs) and no special cleaners for proper cleaning and maintenance (improving air quality).

http://nalfa.com/eco_benefits.php



NAHB Green Approved: Products are products that the National Association of Home Builders (NAHB) Research Center has approved as being eligible to contribute points toward certification of a building under the National Green Building Standard.™

<http://www.nahbgreen.org/Resources/greenapprovedproducts.aspx>



NSF Certified
www.nsf.org

NSF 140 and NSF: NSF 140 is the National Science Foundation certification for sustainable carpeting. NSF also assesses products committed to public health, safety, and protection of the environment.

<http://www.nsf.org/business/newsroom/pdf/Sustainability2.pdf> and <http://www.nsf.gov/>



Organic Materials Review Institute: listing of products that comply with U.S. Department of Agriculture (USDA) organic standards for organic production.

<http://www.omri.org/>

Other third-party certification programs mentioned in this guide



Rainforest Alliance: farms, forestry operations and other businesses that meet environmental, social and economic criteria. The Rainforest Alliance offers certification, verification and validation for agriculture, forestry, tourism, and forest carbon services.

<http://www.rainforest-alliance.org/certification-verification>



RoHS: European Union standard that restricts the use of certain hazardous substances in electrical and electronic equipment such as lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ether (PBDE). PBB and PBDE flame retardants used in several plastics.

<http://www.rohs.eu/english/index.html>



WoolSafe: environmentally responsible cleaning products that meet the requirements of Green Seal or Environmental Choice/EcoLogo for their environmental impact. The difference between CRI Seal of Approval and WoolSafe certification is that the last one is applicable to carpets and rugs made from all fiber types but with emphasis on wool and other natural fibers. Also, WoolSafe has higher performance and safety standards to accommodate the properties of the wool fibre.

http://www.woolsafe.org/what_mark_means

- ANSI/BIFMA <http://www.bifma.org/standards/index.html>
- ATS: Recycled goods certification from S. Korea
- CEC: California Energy Commission <http://www.energy.ca.gov/>
- CPG: Comprehensive Procurement Guidelines <http://www.epa.gov/epawaste/consERVE/tools/cpg/index.htm>
- EPA GreenScapes Program <http://www.epa.gov/epawaste/consERVE/rrr/greenscapes/index.htm>
- ISO 14001 http://www.iso.org/iso/iso_14000_essentials
- MLIT I-4 star, Japanese certification for products involving formaldehyde-emitting materials <http://www.sp.se/en/index/services/qualityandtesting/japancert/Sidor/default.aspx>
- Solar Keymark <http://www.estif.org/solarkeymark/>
- Timber Products Inspection <http://www.tpinspection.com/>

IV. PRODUCT LIST

Before you use the product listing table...

- Words such as **bio based**, **biodegradable**, **formaldehydes**, **post-consumer recycled content**, **post-industrial or pre-consumer recycled content**, **rapidly renewable**, **renewable energy**, are frequently used in this table and their definition can be found in the **Definitions**
- All the other highlighted words can be found in the **Definitions**

HOW TO USE THE ENVIRONMENTAL PRODUCT GUIDE (EPG)

- **CONSTRUCTION SPECIFICATION INSTITUTE (CSI) MASTER FORMAT**
Products are organized under major categories of CSI MasterFormat. Check Table of Contents for guidance
- **ORIGIN OF SUPPLY**
Where the product is being shipped from to a specific vendor
 - IS: In Stock
 - SO: Special Order
 - OI: Off-Island (no local representative)
- **ENVIRONMENTALLY PREFERABLE FEATURES**
 - Percentage of recycled content (post-consumer or post-industrial)
 - Primary raw materials used to manufacture the product (if the product is bio based, produced with rapidly renewable materials, is recovered, reused, etc.);
 - Afterlife options (recyclable, biodegradable, reusable, or if the product has to be disposed in a landfill at the end of its life-cycle)
 - Energy and water usage
- **LIFESPAN AND WARRANTY**
The more durable a product is, the lower the replacement rate and the higher the amount of waste diverted from landfills. A long warranty confirms the quality and durability properties of the product.
- **ADDITIONAL INFORMATION**
 - Impacts of production process: extraction, fossil fuel usage, byproducts created, etc;
 - Packaging procedures
 - Relevant memberships
 - Other environmentally responsible corporate practices

- **VOLATILE ORGANIC COMPOUND (VOC) LEVEL**
Whether the product contains certain carbon-based chemicals that easily evaporate at room temperature (volatile organic compounds) and at levels that are unsafe for human health.

- **TOXICITY**
This column gives information about the presence or absence of hazardous chemicals (ex.: mercury-free) such as formaldehydes, lead, PVS, and others, as well as compliance with California Proposition 65 (CAL Prop 65)

09 00 00 FINISHES: PAINTING, COATING AND SEALANTS (cont.)										
Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO								OI
Pitt-Glaze Precatalyzed WB Epoxy	PPG Paints	X			Various Mainland	-Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350	95 VOC g/L	---	-Single Component Formula reduces waste and lengthens storage capabilities *VOC Compliant in all Regulated Areas * Durability lengthens maintenance cycle	Dependent upon conditions/Available upon Request - Meets MPI #153 - Can earn LEED 2009 Credits Light Industrial Coating
Protectosil Anti Graffiti	Evonik Williams Pacific, Inc.		X		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	<20 g/l	None	No ingredient on Cal Prop 65	10 year labor and material warranty Non- Sacrificial Anti-Graffiti system. Repels paint
Protectosil Aquatrete SG	Evonik Williams Pacific, Inc.		X		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	<20 g/l	None	No ingredient on Cal Prop 65	5 year labor and material warranty Stain Guard and sacrificial Anti-Graffiti
Protectosil BHN+	Evonik Williams Pacific, Inc.		X		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	400 g/l	None	No Ingredients on Cal Prop 65, nontoxic to aquatic life-test data available	20 years labor and material warranty available Oleophobic additive for stain resistance

03 00 00 CONCRETE

LOOK FOR PRODUCTS WITH:

- Concrete mixtures with partial cement substitutes such as Fly Ash
- Aggregate that is made from recycled materials or locally sourced materials
- Sealants that have Zero or Low VOC
- Sealants made from plant-based sources

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO								OI
Class F Fly Ash Mineral admixture to concrete mix	Hawaiian Cement	X			China	---	---	Trace metals	---	By-product of coal combustion in power plants: substituting fly ash for Portland cement lowers demand for virgin resources
CMU-Concrete Masonry Units	TILECO INC	X		X	Kapolei Hi	LEED	Zero	---	Depends on workmanship of installation and protective measures. It can last 50+ years.	Qualifies for LEED credits - Biproducts created - Partial electricity used for production from Photovoltaic System
Colored and/or Stamped Concrete	Hawaiian Cement	X			Hawaii, USA	---	---	Trace metals; Avoid breathing dust and contact with wet, caustic concrete.	Design life of structure/pavement	---
Earth Shield Waterstop	JP Specialties, Inc. / Earth Shield Waterstop		X		Lake Elsinore, CA	---	Zero VOC	---	---	Listed in GreenSpec
Fastfoot Concrete Forming Fabric	CastleBlock Hawaii Fab-Form Industries	X			Surrey, BC Canada	GreenSpec	Zero VOC	---	-- / 100+	- Conserves wood materials - Prevents leaching of concrete contaminants into groundwater - LEED point contributing
Flowable Fill	Hawaiian Cement	X			Hawaii, USA	---	---	Trace metals; Avoid breathing dust and contact with wet, caustic concrete.	Design life of structure/pavement	---
LEEDS Concrete	Hawaiian Cement	X			Hawaii, USA	---	---	Trace metals; Avoid breathing dust and contact with wet, caustic concrete.	Design life of structure/pavement	- Concrete structures and pavement can be designed to last 100 years, then be 100% recycled or reused at the end of its design life.

03 00 00 CONCRETE (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info	
	Company Name	IS	SO								OI
Masonry Sand	TILECO INC	X		X	Kapolei HI	LEED	Zero	---	- 25% Post Industrial - Locally used aggregate - Recyclable	---	Qualifies for LEED credits - Biproducs created - Partial electricity used for production from Photovoltaic System
Pervious Concrete	Hawaiian Cement	X			Hawaii, USA	-	-	Trace metals; Avoid breathing dust and contact with wet, caustic concrete.	- Porous design minimizes storm water runoff. Long service life - Concrete structures and pavement can be designed to last 100 years, then be 100% recycled or reused at the end of its design life.	Design life of structure/ pavement	---
Stego Crete Claw® Tpe	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	---	NA / Indefinite	- Used on the ABC Green Home project - Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Mastic	Stego Industries, LLC	X			Pacific Northwest	---	13.965 grams/L	Non-Toxic	---	NA / Indefinite	- Does not contain LBC Red List Chemicals - Used on the ABC Green Home project - Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Pipe Boots	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- Recyclable	NA / Indefinite	- Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Tape	Stego Industries, LLC	X			Pacific Northwest	---	< 10 grams/L	Non-Toxic	---	NA / Indefinite	- Used on Living Building Challengege (LBC) projects - Used on the ABC Green Home project - Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Term Bar	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- 100% pre-consumer recycled content	NA / Indefinite	- Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.

03 00 00 CONCRETE (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Stego®Wrap 6-mil Class C	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- Recyclable	NA / Indefinite	<ul style="list-style-type: none"> - Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Wrap Vapor Barrier	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- Recyclable	NA / Indefinite	<ul style="list-style-type: none"> - Health Product Declaration (HPD) Completed - Used on Living Building Challenge (LBC) projects - Used on the ABC Green Home project - Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Wrap Vapor Retarder 10-mil Class A	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- Recyclable	NA / Indefinite	<ul style="list-style-type: none"> - Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Wrap Vapor Retarder 10-mil Class C	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- Recyclable	NA / Indefinite	<ul style="list-style-type: none"> - Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
StegoTack ®Tape	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	---	NA / Indefinite	<ul style="list-style-type: none"> - Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.

05 00 00 METALS

LOOK FOR PRODUCTS WITH:

- Recycled content
- Energy efficiency

THIRD-PARTY CERTIFICATION PROGRAMS:

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO								OI
Column Covers	Gordon, Inc.	X			Various. Mostly from USA. PE International LCA UL Environment Certified EPD for all aluminum and steel products	Zero VOC	Non-Toxic	Materials are made of metal, are recyclable, and contain recycled content	1 year typical for all products, extended warranties are available	---
Decorative Extruded Metal	Gordon, Inc.	X			Various. Mostly from USA. PE International LCA UL Environment Certified EPD for all aluminum and steel products	Zero VOC	Non-Toxic	Materials are made of metal, are recyclable, and contain recycled content	---	---
Decorative Formed Metal	Gordon, Inc.	X			Various. Mostly from USA. PE International LCA UL Environment Certified EPD for all aluminum and steel products	Zero VOC	Non-Toxic	Materials are made of metal, are recyclable, and contain recycled content	---	---
Formed Metal Enclosures	Gordon, Inc.	X			Various. Mostly from USA. PE International LCA UL Environment Certified EPD for all aluminum and steel products	Zero VOC	Non-Toxic	Materials are made of metal, are recyclable, and contain recycled content	---	---
Formed Metal Guards	Gordon, Inc.	X			Various. Mostly from USA. PE International LCA UL Environment Certified EPD for all aluminum and steel products	Zero VOC	Non-Toxic	Materials are made of metal, are recyclable, and contain recycled content	---	---
Perforated Metal	Gordon, Inc.	X			Various. Mostly from USA. PE International LCA UL Environment Certified EPD for all aluminum and steel products	Zero VOC	Non-Toxic	Materials are made of metal, are recyclable, and contain recycled content	---	---

05 00 00 METALS (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO								OI
Simpson Strong-Tie Connectors	Simpson Strong-Tie Company	X			Pleasanton, CA	---	---	---	Unlimited / --	Simpson Strong-Tie products can earn or contribute to credits under LEED for Homes EA 1.2, EA 2.2, MR 1.4, MR 2.2 and MR 3.2
Structural Cold Formed Steel Framing	CEMCO	X			Pittsburg, CA	---	Zero VOC	---	100+ years	<ul style="list-style-type: none"> - LEED MR 2.1/2.2 Construction Waste Mgmt: Up to 2 pts - LEED MR 4.1/4.2: Up to 2 pts - LEED MR 5.1/5.2: Regional Materials - Steel Recycling Institute (http://www.recycle-steel.org/Recycling%20Resources/LEED%20Documentation.aspx)

WO

06 00 00 WOOD PLASTICS & COMPOSITES

LOOK FOR PRODUCTS WITH:

- Recycled content
- No added urea-formaldehyde (NAUF)
- Locally sourced materials or from FSC or SFI certified forests
- GREENGUARD and/or SCS certified products for optimal indoor air quality

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
American Plastic Lumber Bridge and railroad components	American Plastic Lumber, Inc.		X		USA	---	---	---	<ul style="list-style-type: none"> - Rapidly renewable - Reused - Up to 100% recycled, +/- 65% post-consumer, 35% post-industrial (average) - R-value: +/- .9 per inch - Reusable - Recyclable 	Up to 50 / 50+	<ul style="list-style-type: none"> - Up to 100% HDPE composite railroad ties, crossties, and structural "I" Beams - Durable: will not rust, splinter, crumble, rot, absorb moisture or leach toxic chemicals into the environment
American Plastic Lumber Custom and dimensional plastic lumber	American Plastic Lumber, Inc.		X		USA	---	---	---	<ul style="list-style-type: none"> - Rapidly renewable - Reused - Up to 100% recycled, +/- 65% post-consumer, 35% post-industrial (average) - R-value: +/- .9 per inch - Reusable - Recyclable 	Up to 50 / 50+	<ul style="list-style-type: none"> - Non-toxic during manufacturing - Mildew resistant, durable
American Plastic Lumber Decks and railings	American Plastic Lumber, Inc.		X		USA	---	---	---	<ul style="list-style-type: none"> - Rapidly renewable - Reused - Up to 100% recycled, +/- 65% post-consumer, 35% post-industrial (average) - R-value: +/- .9 per inch - Reusable - Recyclable 	Up to 50 / 50+	<ul style="list-style-type: none"> - Non-toxic during manufacturing - Mildew resistant, durable
American Plastic Lumber Marine Timbers, Piles, Docks and Fenders	American Plastic Lumber, Inc.		X		USA	---	---	---	<ul style="list-style-type: none"> - Rapidly renewable - Reused - Up to 100% recycled, +/- 65% post-consumer, 35% post-industrial (average) - R-value: +/- .9 per inch - Reusable - Recyclable 	Up to 50 / 50+	<ul style="list-style-type: none"> - Non-toxic during manufacturing - Mildew resistant, durable
American Plastic Lumber Sheet goods, recycled HDPE	American Plastic Lumber, Inc.		X		USA	---	---	---	<ul style="list-style-type: none"> - Rapidly renewable - Reused - Up to 100% recycled, +/- 65% post-consumer, 35% post-industrial (average) - R-value: +/- .9 per inch - Reusable - Recyclable 	20-50 / 20-50	<ul style="list-style-type: none"> - Recycled HDPE Plastic (plywood) sheet goods - Durable - Stress crack resistant - High tensile strength - Moisture resistant - Impervious to most chemicals - High energy absorption

06 00 00 WOOD PLASTICS & COMPOSITES

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
American Plastic Lumber Structural plastic lumber	American Plastic Lumber, Inc.		X		USA	---	---	---	<ul style="list-style-type: none"> - Rapidly renewable - Reused - Up to 100% recycled, +/- 65% post-consumer, 35% post-industrial (average) - R-value: +/- .9 per inch - Reusable - Recyclable 	Up to 50 / 50+	<ul style="list-style-type: none"> - Non-toxic during manufacturing - Mildew resistant, durable
Bamboo & Strand Plywood	Architectural Woods, L.P.	X			Honolulu, HI & Neighbor Islands	FSC SCS Indoor Advantage Gold	Zero VOC				
Dricon Interior Fire Treated Wood	Honolulu Wood Treating LLC		X		Exterior Wood products Washougal Washington	ICC NFPA	<0.1%	---	---	40/50	protects your wood from fire and insects to lengthen the life of your building and give you time to escape if there is a fire
Durapalm Plywood	Maui Laminates Inc. & Architectural Woods, L.P. Smith & Fong Plyboo	X			Kahului, HI & Honolulu, HI	---	---	No added urea formaldehyde	<ul style="list-style-type: none"> - Biobased - Reusable 	5 / varies	Made of dying, dead, or non-fruit yielding trees
Timber Products	Pacific American Lumber	X	X		Honolulu, HI	FSC, Sustainable Forestry Initiative			Carb II compliant, NAF		
Hibor Wood Treatment	Honolulu Wood Treating LLC	X			HI	UL Greenguard Gold	---	---	---	20/50	<ul style="list-style-type: none"> - protects your wood from insects to lengthen the life of your building - Hi-Bor® is approved by the City and County of Honolulu building department
HPM Dimensional lumber and plywood	HPM Building Supply		X		---	FSC	---	---	---	---	---
HPM Truss	HPM Building Supply		X		Keaau, HI	FSC	---	---	Trusses made with FSC Certified wood	---	Locally manufactured in Keaau, HI
Kelleher Corporations Molding and trim	HPM Building Supply		X		---	FSC certified	---	---	---	---	---
LP Engineered Wood I-Joists, LVL, LSL	Vandermeer Forest Products	X			Kent, WA	SFI Certified	Zero VOC	---	<ul style="list-style-type: none"> - Rapidly renewable - Recyclable 	Limited Lifetime	Full line of treated LP engineered wood framing products.
MiraTEC Treated exterior composite trim	HPM Building Supply		X		---	SCS	---	No added urea formaldehyde	<ul style="list-style-type: none"> - Made from wood that is byproduct from other operations - Durable: moisture and termite resistant 	Limited / 50	<ul style="list-style-type: none"> - USGBC Member - Primed with a low VOC primer and mildewicide

06 00 00 WOOD PLASTICS & COMPOSITES

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Plyboo Squared Plywood	Maui Laminates Inc. & Architectural Woods, L.P. Smith & Fong Plyboo	X			Kahului, HI & Honolulu, HI	FSC SCS Indoor Advantage Gold	Zero VOC	---	- Rapidly renewable - Reusable	5 / varies	Made from palm, a rapidly renewable resource
PlybooPure FSC Pure Plywood	Maui Laminates Inc. & Architectural Woods, L.P. Smith & Fong Plyboo	X			Kahului, HI & Honolulu, HI	FSC SCS Indoor Advantage Gold	Zero VOC	---	- Biobased - Rapidly renewable - Reusable	5 / varies	Made from palm, a rapidly renewable resource
PlybooStrand Plyboo Pure Plywood	Maui Laminates Inc. & Architectural Woods, L.P. Smith & Fong Plyboo	X			Kahului, HI & Honolulu, HI	FSC SCS Indoor Advantage Gold	Zero VOC	No added urea formaldehyde	- Rapidly renewable - Reusable	5 / varies	Made from palm, a rapidly renewable resource
Plywood, lumber and millwork	Architectural Woods, L.P.		X		USA	FSC	---	No added urea formaldehyde	---	---	CARB compliant (California Air Resource Board,) for formaldehyde-free wood products
QuietPutty	PABCO Gypsum	X			Newark, CA	---	No VOC	---	---	1 / life of bldg	---
RainBuster #345 Squeak Eliminating Subfloor Adhesive	Top Industrial, Inc.	X			USA	---	35.0 g/l VOC	Meets EPA regulations	Non-shrinking, elastomeric joint sealant designed for moving joints. Eliminates air and water intrusion, mold, mildew, water damage. Cures internally; does not dry through evaporation of harmful solvents.	Limited Lifetime Warranty	arns LEED credits; Earns Green Build Credits: LEED: 1 pt EQ credit 4.1; Green Build Credits: 5 pts Global Impact credit 7.1.3
RainBuster #700 Polycarbamate/ Copolymer Sealant/ Adhesive	Top Industrial, Inc.	X			USA	Earns LEED credits; Earns Green Build Credits	35.0 g/l VOC	Meets EPA regulations	Non-shrinking, elastomeric joint sealant designed for moving joints. Eliminates air and water intrusion, mold, mildew, water damage. Cures internally; does not dry through evaporation of harmful solvents.	Limited Lifetime Warranty	LEED: 1 pt EQ credit 4.1
RainBuster #850 Roof Tile Adhesive/ Sealant	Top Industrial, Inc.	X			USA	Earns LEED credits; Earns Green Build Credits	35.0 g/l VOC	Meets EPA regulations	Non-shrinking, elastomeric joint sealant designed for moving joints. Eliminates air and water intrusion, mold, mildew, water damage. Cures internally; does not dry through evaporation of harmful solvents.	Limited Lifetime Warranty	LEED: 1 pt EQ credit 4.1
RainBuster #900 Polycarbamate Sealant/ Adhesive	Top Industrial, Inc.	X			USA	Earns LEED credits; Earns Green Build Credits	35.0 g/l VOC	Meets EPA regulations	Non-shrinking, elastomeric joint sealant designed for moving joints. Eliminates air and water intrusion, mold, mildew, water damage. Cures internally; does not dry through evaporation of harmful solvents.	Limited Lifetime Warranty	LEED: 1 pt EQ credit 4.1

06 00 00 WOOD PLASTICS & COMPOSITES

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
RainBuster #975 Polyether Sealant/ Adhesive	Top Industrial, Inc.	X			USA	Earns LEED credits; Earns Green Build Credits	35.0 g/l VOC	Meets EPA regulations; No Prop 65 Chemicals	- Non-shrinking, elastomeric joint sealant designed for moving joints. Eliminates air and water intrusion, mold, mildew, water damage. Cures internally; does not dry through evaporation of harmful solvents.	Limited Lifetime Warranty	LEED: 1 pt EQ credit 4.1
TimberTech Composite Railing	HPM Building Supply	X			New London, NC and Meridian, ID	EPA GreenScapes	---	---	- Up to 84% recycled content from locally-sourced recycled materials - Durable	Limited / 20	Produced in an energy efficient, virtually waste-free manufacturing process
TimberTech Composite Decking	HPM Building Supply	X			New London, NC and Meridian, ID	EPA GreenScapes	Zero VOC	- PVC - HDPE	- Made from locally-sourced recycled materials - Up to 84% recycled content - Durable	Limited / 20	Produced in an energy efficient, virtually waste-free manufacturing process
Umbrellas	Tropical J's, Inc.		X		US	Greenguard	Individual VOCs 1/2 CREL or 1/100th TLVB		- Recyclable	Ten Years	Locally Manufactured products in Hawaii specifically for Hawaii which solves rain, wind, sun and privacy issues.
Weyerhaeuser Microllam LVL Laminated veneer lumber	Honolulu Wood Treating LLC		X		OR	SFI Certified Sourcing Home Innovation NGBS Green Certified	.75 KG/ADM T	---	- Biobased products are used - Based upon a life cycle Assessment (LCA)	lifetime	---
Weyerhaeuser Parallam PSL Parallel strand lumber	Honolulu Wood Treating LLC		X		Vancouver, BC	SFI Certified Sourcing Home Innovation NGBS Green Certified	.75 KG/ADM T	---	- Biobased products are used - Based upon a life cycle Assessment (LCA)	lifetime	---
Weyerhaeuser Timberstrand LSL Laminated strand lumber	Honolulu Wood Treating LLC		X		Ontario	SFI Certified Sourcing Home Innovation NGBS Green Certified	.58 KG/ADM T	---	- Biobased products are used - Based upon a life cycle Assessment (LCA)	lifetime	---
Weyerhaeuser, Trus Joist TJI Joist Joist	Honolulu Wood Treating LLC		X		OR	SFI Certified Sourcing Home Innovation NGBS Green Certified	.31 KG/ADM T	---	- Biobased products are used - Based upon a life cycle Assessment (LCA)	lifetime	Products containing fewer materials are used to achieve the same end-use requirements as conventional products.
WindsorONE+ Protected Trim Boards	Honsador Lumber LLC		X		Willits, CA	SCS	---	---	- Made from plantation grown timber - Gold Indoor Air Quality Rating	30 Year Warranty Against Rot, Insects and Mold	Approved for exterior treatment by the State of HI Department of Planning and Permitting
X-beam Glulam Beam	Honolulu Wood Treating LLC		X		OR	SFI Certified Sourcing	very low 38	---	- Made from renewable 2nd and 3rd generation forests. - Manufactured with wet-use adhesives that meet or exceed the most stringent global emission standards	25/50	---

07 00 00 THERMAL & MOISTURE PROTECTION

LOOK FOR PRODUCTS WITH:

- Insulation with a high R-Value and/or ENERGY STAR Certification
For a full list of ENERGY STAR certified products:
http://www.energystar.gov/index.cfm?c=products.pr_find_es_products
- Plant-based materials and/or Recycled content
- Greenguard or CHPS Low-Emitting Material Certification for optimal indoor air quality, and/or Zero or Low VOC materials
- Roofing materials that are: highly reflective, light colored, 'cool roof', and/or ENERGY STAR Certified
- Sealants that are non-toxic and/or compliant with RoHS for restricted hazardous materials,
- CAL Prop 65, or CARB & OTC standards
- Recyclability, Biodegradability, Cradle to Cradle Certification for after useful life

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
GX200, DX200 Expansion Control	Gordon, Inc.	X			LA	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	---	Materials are made of metal, are recyclable, and contain recycled content	---	---
QuietSeal Pro Acoustical Sealant	PABCO Gypsum	X			Newark, CA	---	<0.1 g/L	---	Water-based	1 / life of bldg	Exceeds ASTM C 834 standards

INSULATION

CertainTeed Sustainable Insulation Batts	HPM Building Supply		X		McPherson, KS	GREENGUARD	---	---	- Increases energy efficiency - Contains 50% rapidly renewable content - Contains 35% recycled glass	---	- USGBC member - ENERGY STAR Partner - Manufactory Plant ISO 14001 Certified
CertainTeed ThermaEZE Thermal Insulation System	HPM Building Supply		X		McPherson, KS	ENERGY STAR	---	No CFCs, HCFCs, HFCs or formaldehyde	- Increases energy efficiency - ThermaEZE system eliminates need for wood studs, conserving resources	---	- USGBC member - Reduces foundation heat transfer
CertaPro Commercial Acousta-Therm Insulation Batts	HPM Building Supply		X		PA	GREENGUARD Gold	---	---	- Increases energy efficiency - Contains 30-35% recycled content	---	- USGBC member - ENERGY STAR Partner - NAIMA
Durasheath-3 Thermal Insulation	ABC Supply		X		Ferley, NV	ENERGY STAR	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Contributes to LEED credits	Limited/Lifetime	- High R-Value per inch - Increases energy efficiency - Made and engineered in the USA.

07 00 00 THERMAL & MOISTURE PROTECTION : INSULATION (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info	
	Company Name	IS	SO								OI
Eco Touch Kraft Faced Insulation	Owens Corning	X			Santa Clara, CA	ENERGY STAR, Green Guard, SCIS Certified, Recycled Product, USDA Certified Bio Based Product, EcoLogo	Low VOC	No formaldehyde added	<ul style="list-style-type: none"> - PRE-CONSUMER RECYCLED CONTENT 58% - POST-CONSUMER RECYCLED CONTENT 36% - ENERGY EFFICIENT 	Limited Lifetime	<ul style="list-style-type: none"> - Product Recycle content for all North American Facilities as certified by SCS Scientific Certification System is 58% minimum overall and 36% from post-consumer. - UL Environment EcoLogoCM CCD-016 has listed product as a sustainable certified product.O3 - Product qualifies to use the Seal & Insulate with ENERGY STAR program label.
Eco Touch UnFaced Insulation	Owens Corning	X			Santa Clara, CA	ENERGY STAR, Green Guard, SCIS Certified Recycled Product, USDA Certified Bio Based Product, EcoLogo	Low VOC	No formaldehyde added	<ul style="list-style-type: none"> - PRE-CONSUMER RECYCLED CONTENT 58% - POST-CONSUMER RECYCLED CONTENT 36% - ENERGY EFFICIENT 	Limited Lifetime	<ul style="list-style-type: none"> - Product Recycle content for all North American Facilities as certified by SCS Scientific Certification System is 58% minimum overall and 36% from post-consumer. - UL Environment EcoLogoCM CCD-016 has listed product as a sustainable certified product.O3 - Product qualifies to use the Seal & Insulate with ENERGY STAR program label.
ECOMAXci Polyiso Insulation	ABC Supply		X		Fernley, NV	---	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	<ul style="list-style-type: none"> - USGBC member - ENERGY STAR partner - PIMA Founding Member - Contributes to LEED credits 	Limited/Lifetime	<ul style="list-style-type: none"> - High R-Value per inch - Increases energy efficiency - Made and engineered in the USA.
Guardian Ultra Fit DS PLUS Insulation	HPM Building Supply		X		USA	GREENGUARD	---	---	<ul style="list-style-type: none"> - Increases energy efficiency 	---	<ul style="list-style-type: none"> - ENERGY STAR Partner - USGBC Member
Guardian FattBatt Insulation	HPM Building Supply		X		USA	GREENGUARD	---	---	<ul style="list-style-type: none"> - Highest R-value batt available in the market - Increases energy efficiency 	---	<ul style="list-style-type: none"> - ENERGY STAR Partner - USGBC Member
Guardian Attic Guard PLUS Insulation	HPM Building Supply		X		USA	GREENGUARD	---	---	<ul style="list-style-type: none"> - Increases energy efficiency 	---	<ul style="list-style-type: none"> - ENERGY STAR Partner - USGBC Member
Guardian E-Z Attic Insulation	HPM Building Supply		X		USA	---	---	---	<ul style="list-style-type: none"> - 30% post-consumer recycled product - 5% post-industrial recycled product - Increases energy efficiency 	---	<ul style="list-style-type: none"> - ENERGY STAR Partner - USGBC Member

07 00 00 THERMAL & MOISTURE PROTECTION : INSULATION (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Guardian Fiberglass Insulation Asure R PLUS Insulation	HPM Building Supply		X		USA	GREENGUARD	---	---	-Increases energy efficiency	---	- ENERGY STAR Partner - USBGC Member
Guardian Premium ATS Hybrid System Insulation System	HPM Building Supply		X		USA	GREENGUARD	---	---	-Increases energy efficiency	---	- ENERGY STAR Partner - USGBC Member
Guardian SolarGuard Reflective Insulation	HPM Building Supply		X		USA	---	---	---	- Reflects 97% of radiant energy reaching surface - Increases energy efficiency	---	- ENERGY STAR Partner - USGBC Member
KNAUF Black Acoustical Board	Admor HVAC Products		X		Shelbyville, IN	GREENGUARD, GREENGUARD Gold, and UL Validated	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content - Formaldehyde Free	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF EcoBatt Foil Faced Insulation	Admor HVAC Products	X			Shasta Lake, CA	GREENGUARD, GREENGUARD Gold, and UL Validated	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content - Formaldehyde Free	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF EcoBatt FSK-25 Foil Faced Insulation	Admor HVAC Products	X			Shasta Lake, CA	GREENGUARD, GREENGUARD Gold, and UL Validated	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content - Formaldehyde Free	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF EcoBatt Kraft Faced Insulation	Admor HVAC Products	X			Shasta Lake, CA	UL Environment's GREENGUARD, GREENGUARD Gold, EPD, Recycled Content, and Formaldehyde Free, ILFI's Declare	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content	1 year warranty	http://www.knaufinsulation.us/sustainability

07 00 00 THERMAL & MOISTURE PROTECTION : INSULATION (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
KNAUF EcoBatt QuietTherm Unfaced Insulation	Admor HVAC Products	X			Shasta Lake, CA	UL Environment's GREENGUARD, GREENGUARD Gold, EPD, Recycled Content, and Formaldehyde Free, ILFI's Declare	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF EcoFill Wx Glasswool Insulation	Admor HVAC Products		X		Shasta Lake, CA	GREENGUARD, GREENGUARD Gold, and UL Validated	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% postconsumer recycled content - Formaldehyde Free	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF Insulation Board	Admor HVAC Products	X			Shelbyville, IN	GREENGUARD, GREENGUARD Gold, and UL Validated	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content - Formaldehyde Free	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF Jet Stream Ultra Blowing Insulation	Admor HVAC Products		X		Shasta Lake, CA	GREENGUARD, GREENGUARD Gold, and UL Validated	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content - Formaldehyde Free	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF Metal Building Insulation	Admor HVAC Products		X		Shasta Lake, CA	GREENGUARD, GREENGUARD Gold, and UL Validated	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content - Formaldehyde Free	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF Wall and Ceiling Liner M	Admor HVAC Products		X		Shelbyville, IN	GREENGUARD, GREENGUARD Gold, and UL Validated	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content - Formaldehyde Free	1 year warranty	http://www.knaufinsulation.us/sustainability
Nansulate@ Insulation Coatings Insulation	Industrial Nanotech			X	Naples, Florida	NSF non-food compound registration	49.13 g/L	- No lead, mercury, formaldehyde -Water-based -Complies with California Prop 65	- Energy Efficient. - Low VOC. - Non-Toxic. -Water-based -Can be used to earn LEED Points	5/10+	- Can protect underlying surfaces from UV/Moisture to increase lifespan. - Reduces heat island effect - Mold/mildew resistant - Corrosion Resistant. - UV Resistant

07 00 00 THERMAL & MOISTURE PROTECTION : INSULATION (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info	
	Company Name	IS	SO								OI
R-Matte Plus-3 Thermal Insulation	ABC Supply		X		Fernley, NV	ENERGY STAR	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Contributes to LEED credits	Limited/Lifetime	- High R-Value per inch - Increases energy efficiency - Made and engineered in the USA.
ROXUL AFB Semi-rigid Batt Insulation	Admor HVAC Products	X			Grand Forks, BC	GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	- Raw material in abundance (basalt rock) - Portion of product waste is recycled - Stringent environmental management - Does not rot, corrode, or promote fungi or bacterial growth	---	http://www.roxul.com/files/Sustainability/ROXUL_Sustainability_2013.pdf
ROXUL CURTAINROCK Stone wool/Fire Insulation	Admor HVAC Products		X		Grand Forks, BC	Green Guard Gold Certification	---	---	- Raw material in abundance (basalt rock) - Portion of product waste is recycled - Stringent environmental management - Does not rot, corrode, or promote fungi or bacterial growth	---	- CURTAINROCK 40 and 80 also available http://www.roxul.com/files/Sustainability/ROXUL_Sustainability_2013.pdf
ROXUL ProRox SL 960 Stone Wool Insulation	Admor HVAC Products	X			Grand Forks, BC	Green Guard Gold Certification	---	---	- Raw material in abundance (basalt rock) - Portion of product waste is recycled - Stringent environmental management - Does not rot, corrode, or promote fungi or bacterial growth	---	http://www.roxul.com/files/Sustainability/ROXUL_Sustainability_2013.pdf
ROXUL SAFE Fire Insulation	Admor HVAC Products	X			Grand Forks, BC	Green Guard Gold Certification	---	---	- Can contribute to LEED credits - Stringent environmental management - Does not rot, corrode, or promote fungi or bacterial growth	---	http://www.roxul.com/files/Sustainability/ROXUL_Sustainability_2013.pdf
Thermasheath-3 Thermal Insulation	ABC Supply		X		Fernley, NV	ENERGY STAR	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Contributes to LEED credits	Limited/Lifetime	- High R-Value per inch - Increases energy efficiency - Made and engineered in the USA.

07 00 00 THERMAL & MOISTURE PROTECTION : INSULATION (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Thermasheath-SI Thermal Insulation	ABC Supply		X		Fernley, NV	ENERGY STAR	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Contributes to LEED credits	Limited/Lifetime	- High R-Value per inch - Increases energy efficiency - Made and engineered in the USA.
Thermasheath-XP Thermal Insulation	ABC Supply		X		Fernley, NV	---	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Contributes to LEED credits	Limited/Lifetime	- High R-Value per inch - Increases energy efficiency - Made and engineered in the USA.
TimberTech Composite Decking	HPM Building Supply		X		Wilmington, OH	---	---	---	- 12% post-consumer recycled plastic (HDPE) - All wood is pre-consumer recycled content	Residential: 25 Commercial: 10 / ---	- USGBC Member - Product scrap is reclaimed into manufacturing process, which saves wood and plastic waste from reaching landfill
TSP-3 Thermal Insulation	ABC Supply		X		Fernley, NV	---	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Contributes to LEED credits	Limited/Lifetime	- High R-Value per inch - Increases energy efficiency - Made and engineered in the USA.
TSX-8500 Thermal Insulation	ABC Supply		X		Fernley, NV	---	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Contributes to LEED credits	Limited/Lifetime	- High R-Value per inch - Increases energy efficiency - Made and engineered in the USA.
TSX-8510 Thermal Insulation	ABC Supply		X		Fernley, NV	---	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Contributes to LEED credits	Limited/Lifetime	- High R-Value per inch - Increases energy efficiency - Made and engineered in the USA.
TSX-8520 Thermal Insulation	ABC Supply		X		Fernley, NV	---	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Contributes to LEED credits	Limited/Lifetime	- High R-Value per inch - Increases energy efficiency - Made and engineered in the USA.
ROOFING AND WATERPROOFING											
Advantage Nailable Base-3 Insulation	ABC Supply		X		Fernley, NV	FSC	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- High R-Value per inch - Increases energy efficiency - Contributes to LEED credits	Limited/Lifetime	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Proudly Made and Engineered in the USA.
Attic Ventilation Products	O'Hagin, LLC	X			Rohnert Park, CA	---	---	---	19.8% post-consumer recycled content; 33% recycled steel content; 100% passive operation; solar compatible	20-50 year	Available in: galvanized steel, aluminum or copper.

07 00 00 THERMAL & MOISTURE PROTECTION : ROOFING AND WATERPROOFING

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
AZEK PAVERS	AZEK		X		U.S.A.	LEED	0%	Unclassified	Closed loop recycling system, great for green roofs, low maintenance, durable, and easy to install.	10 YEAR	http://www.azek.com/products/pavers/
CEMBONIT Façade Boarding	Foundry Service and Supplies, Inc		X		Ontario, California	Institute for Construction and Environment (IBU)	LOW	non-toxic	-Non-Combustible -At least 50-year life expectancy - Recyclable	10 / 50+	---
CEMBRIT TRUE/CEMBRIT METRO/CEMBRIT ZENIT Claddings	Foundry Service and Supplies, Inc		X		Ontario, California	Institute for Construction and Environment (IBU)	LOW	non-toxic	-Non-Combustible -At least 50-year life expectancy - Recyclable	10 / 50+	---
CertainTeed Flintlastic CoolStar coated Reflective Roofing	HPM Building Supply		X		USA/Canada	- ENERGY STAR - Cool Roof Rating Council	---	---	- Helps to keep building cool and energy efficient by helping reflect sunlight off roof - May qualify for LEED credits	---	- Available in steep and low slope rolls
CertainTeed Landmark Solaris Reflective Roofing Shingles	HPM Building Supply		X		USA/Canada	- ENERGY STAR - Cool Roof Rating Council	---	---	- Helps to keep building cool and energy efficient by helping reflect sunlight off roof - May qualify for LEED credits	Limited / ---	---
CertainTeed Platon WaterProofing Membrane	HPM Building Supply		X		USA/Canada	---	---	Contains no toxic chemicals	- 95% recycled content - Does not emit harmful chemicals	---	- USGBC member - Has an environmental management system
CertainTeed Symphony Slate Series Shingles	HPM Building Supply		X		USA/Canada	ENERGY STAR	---	---	- Energy efficient	50 / ---	---
Elastahyde Acrylic Roof Coating	Western Colloid				Oakland, CA	FM Approved, UL, ICC-ES, CRRC, ENERGY STAR	< 8 gm/ltr	None	- Water Based - Energy efficient	30 years	---
Extreme Weather Acrylic Elastomeric Coatings	Metacrylics	X			Gilroy, CA	ENERGY STAR, CRRC, ICC-ES, UL, US Green Building Council	27 grams per litre	---	- Energy Efficient - Environmentally Friendly (water-based) - Sustainable & Renewable - Reduces Heat Island Affect - Reduces Landfill waste by preventing roof tear offs	5/30	Products can be applied over a variety of surfaces.

07 00 00 THERMAL & MOISTURE PROTECTION : ROOFING AND WATERPROOFING (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info	
	Company Name	IS	SO								OI
Extreme Weather Silicone Elastomeric Coatings	Metacrylics	X			Gilroy, CA	ENERGY STAR, CRRC, UL, US Green Building Council	< 10 Grams per litre	---	Energy Efficient - NSF - Sustainable & Renewable - Reduces Heat Island Affect - Reduces Landfill waste by preventing roof tear offs	10/20	Products can be applied over a variety of surfaces.
HPM Custom Metal Roofing	HPM Building Supply	X			Keaau, HI	ENERGY STAR	---	---	- Uses DuraCoat Cool Roof Coatings: highly UV reflective and energy efficient - Coiled steel made with recycled content - Highly durable and easy to maintain	---	- Locally manufactured in Keaau, HI - Safe for water catchment purposes - Does not mold or mildew
Hydro Stop PremiumCoat Finish Coat Cool roof coating, fluid applied	Painter's Warehouse, Inc, West Coast Roofing	X			Honolulu, HI	ENERGY STAR	11 g/L	---	- Energy efficient - Water-based	5, 10, 15, 20 available / ---	- Recoat to extend life...no removal or disposal required - Reduces heat of roof & building
Hydro Stop PremiumCoat Foundation Coat Cool roof coating, fluid applied	Painter's Warehouse, Inc, West Coast Roofing	X			Honolulu, HI	ENERGY STAR	49 g/L	---	- Energy efficient - Water-based	5, 10, 15, 20 available / ---	- Recoat to extend life...no removal or disposal required - Reduces heat of roof & building
Hydro-Stop PremiumCoat Acrylic Cool Roof System	Hydro-Stop, West Coast Roofing, ABC Supply, RSI Roofing & Building Supply	X			Charleston, SC	ENERGY STAR CRRC	---	Water-based	- Energy efficient - Water-based - Sustainable	10-20 / unlimited with recoating	- Reduces heat-island effect - Reflective "cool roofing" properties - -Recoat to extend life - -No removal or disposal required
IB Roof Systems Single Ply Roofing	ABC Supply	X			Eugene, OR	ENERGY STAR CRRC	---	PVC	- Energy efficient - Recyclable - ISO 14001:2004	5 - 30 Year	- Solar Ready - Garden Roofs
LiveWall Planted Wall System	Hawaiian Sunshine Nursery, Inc.		X		Spring Lake, MI	---	---	---	- Helps to prevent excess stormwater discharge - Noise reduction - Decreases Urban Heat Island effect - Energy Conservation. - Made from 100% recycled contents	Limited Warranty of 15 Years	- Contributes toward LEED Certification
LP Techshield Radiant Barrier	HPM Building Supply Vandermeer Forest Products	X			Kent, WA	ENERGY STAR	Zero VOC	No added urea-formaldehyde	- Energy efficient - Rapidly renewable - R-19 Equivalent - Biodegradable - Recyclable - Only low-emitting, safe resins are used as a binder	25 / ---	- Made of engineered wood substrate, a renewable resource: reduces environmental impact - Reduces energy consumption by blocking radiant heat from entering the attic

07 00 00 THERMAL & MOISTURE PROTECTION : ROOFING AND WATERPROOFING (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Metal Sales™ Galvalume roof and wall systems	North Shore Sheet Metal		X		Fontana, CA; Woodland, CA; Kent, WA	ENERGY STAR listed, Living Building Challenge Declare Red List Free	zero	Contains Chromium 6; a Chromium Free product is available	- Contains 30% - 95% recycled content - 100% recyclable at end of service life - Reduces solar heat gain - Enables energy conservation and on-site renewable energy production, e.g., photovoltaic, micro wind and solar hot water heating - Rainwater harvesting safe -Phthalate free	-Warranty: 25 years, Lifespan: up to and beyond 50 years - Lifespan: up to and beyond 50 years	-see www.declare.com/product-database for LBC Declare listing - Meets SRI for CA Title 24, LEED and Green Globes
Metal Sales™ PVDF and Colorfast 45® Painted roof and wall systems	No Distributor; Installer = North Shore Sheet Metal		X		Fontana, CA; Woodland, CA; Kent, WA	ENERGY STAR listed, CRRC Listed colors , Living Building Challenge Exception (see additional info)	zero	Contains Chromium 6; a Chromium Free product is available	- Contains 30% - 95% recycled content - 100% recyclable at end of service life - Reduces solar heat gain - Enables energy conservation and on-site renewable energy production, e.g., photovoltaic, micro wind and solar hot water heating - Rainwater harvesting safe -Phthalate free	Warranty: 45 year paint warranty Lifespan: up to and beyond 50 years	Meets SRI for CA Title 24, LEED and Green Globes * Living Building Challenge: metal roof coating that has some formaldehyde is approved for use under Exception I11-E1 8/2008 General Red List; additional product development underway
Metro Roof system Roofing	Manufacturers Agency Pacific Inc.		X		CA	ENERGY STAR	---	---	- Energy efficient - Durable	50 / ---	Reflective surface deflects sun's heat, reducing temperature in space below
MINERIT HD Fiber Cement	Foundry Service and Supplies, Inc	X			Ontario, California	Institute for Construction and Environment (IBU)	LOW	non-toxic	-Non-Combustible -At least 50-year life expectancy - Recyclable	10 / 50+	---
Multi-Max FA-3 Thermal Insulation	ABC Supply	X			Fernley, NV	---	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- High R-Value per inch - Increases energy efficiency - Contributes to LEED credits	Limited/Lifetime	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Proudly Made and Engineered in the USA.
Multi-Vent Nailable Base-3 Thermal Insulation	ABC Supply		X		Fernley, NV	FSC	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- High R-Value per inch - Increases energy efficiency - Contributes to LEED credits	Limited/Lifetime	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Proudly Made and Engineered in the USA.
Protectosil 300C	Evonik Williams Pacific, Inc.		x		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	340 g/l	None	No Ingredients on Cal Prop 65, nontoxic to aquatic life-test data available	20 year labor and material new construction/ 10 year for restoration	Corrosion inhibitor for concrete
Protectosil Aquatrete Concentrate Water Repellent	Evonik Williams Pacific, Inc.		X		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	45-90 g/l	none	No Ingredients on Cal Prop 65, nontoxic to aquatic life-test data available	5 year labor and material warranty	---
Protectosil BHN	Evonik Williams Pacific, Inc.		x		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	390 g/l	None	No Ingredients on Cal Prop 65, nontoxic to aquatic life-test data available	20 years labor and material warranty available	---

07 00 00 THERMAL & MOISTURE PROTECTION : ROOFING AND WATERPROOFING (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Protectosil BHN+	Evonik Williams Pacific, Inc.		x		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	400 g/l	None	No Ingredients on Cal Prop 65, nontoxic to aquatic life-test data available	20 years labor and material warranty available	Oleophobic additive for stain resistance
Protectosil Chemtrete BSM 400 Water Repellent	Evonik Williams Pacific, Inc.		X		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	383g/l	None	No Ingredients on Cal Prop 65, nontoxic to aquatic life-test data available	20 years labor and material warranty available	---
Protectosil Chemtrete PB 100	Evonik Williams Pacific, Inc.		X		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	375 g/l	Non-Toxic	No Ingredients on Cal Prop 65, nontoxic to aquatic life-test data available	20 years labor and material warranty available	---
Protectosil CIT	Evonik Williams Pacific, Inc.		X		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	<400 g/l	Non-Toxic	No ingredient on Cal Prop 65	20 year labor and material new construction/ 10 year for restoration	Corrosion inhibitor for concrete
RainBuster #345 Squeak Eliminating Subfloor Adhesive	Top Industrial, Inc.	X			USA	---	35.0 g/l VOC	Meets EPA regulations	LEED: 1 pt EQ credit 4.1; Green Build Credits: 5 pts Global Impact credit 7.1.3	Limited Lifetime Warranty	Non-shrinking, elastomeric joint sealant designed for moving joints. Eliminates air and water intrusion, mold, mildew, water damage. Cures internally; does not dry through evaporation of harmful solvents.
RainBuster #700 Polycarbamate/ Copolymer Sealant/ Adhesive	Top Industrial, Inc.	X			USA	---	35.0 g/l VOC	Meets EPA regulations	LEED: 1 pt EQ credit 4.1	Limited Lifetime Warranty	Non-shrinking, elastomeric joint sealant designed for moving joints. Eliminates air and water intrusion, mold, mildew, water damage. Cures internally; does not dry through evaporation of harmful solvents.
RainBuster #850 Roof Tile Adhesive/ Sealant	Top Industrial, Inc.	X			USA	---	35.0 g/l VOC	Meets EPA regulations	LEED: 1 pt EQ credit 4.2	Limited Lifetime Warranty	Non-shrinking, elastomeric joint sealant designed for moving joints. Eliminates air and water intrusion, mold, mildew, water damage. Cures internally; does not dry through evaporation of harmful solvents.
RainBuster #900, #975 Polycarbamate Sealant/ Adhesive	Top Industrial, Inc.	X			USA	---	35.0 g/l VOC	Meets EPA regulations; No Prop 65 Chemicals	LEED: 1 pt EQ credit 4.3	Limited Lifetime Warranty	Non-shrinking, elastomeric joint sealant designed for moving joints. Eliminates air and water intrusion, mold, mildew, water damage. Cures internally; does not dry through evaporation of harmful solvents.

07 00 00 THERMAL & MOISTURE PROTECTION : ROOFING AND WATERPROOFING (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Re-Cover Board 3 Thermal Insulation	ABC Supply		X		Fernley, NV	---	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- High R-Value per inch - Increases energy efficiency - Contributes to LEED credits	Limited/Lifetime	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Proudly Made and Engineered in the USA.
RhinoRoof Peel & Stick	InterWrap Inc. & Corp		X		China, UAE	ICC, CCRR & SCS	---	---	Small recycled content-Pre-consumer	10 years	-Holds fast growing market share
RhinoRoof Synthetic Roof Underlayments (RRSRU)	InterWrap Inc. & Corp			X	China, India	ICC, CCRR & SCS	---	---	Minimum 20% recycled content-Pre-consumer. Leeds Listed.	15 years	-Hold the largest market share in North America
Stego®Mastic Sealant	Stego Industries, LLC	X			Pacific Northwest	---	13.965 grams/L	Non-Toxic	- Used on the ABC Green Home project - Does not contain LBC Red List Chemicals	NA / Indefinite	- Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Pipe Boots Pipe Boots	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- Recyclable	NA / Indefinite	- Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Tape, Crete Claw Tape, StegoTack Tape Adhesive	Stego Industries, LLC	X			Pacific Northwest	---	< 10 grams/L	Non-Toxic	- Used on Living Building Challenge (LBC) projects	NA / Indefinite	- Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Wrap 6-mil Class C Vapor Wrap	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- Recyclable	NA / Indefinite	- Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Term Bar Termination Bar	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- 100% pre-consumer recycled content	NA / Indefinite	- Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.

07 00 00 THERMAL & MOISTURE PROTECTION : ROOFING AND WATERPROOFING (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Stego®Wrap Vapor Barrier Vapor Barrier	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- Recyclable - Health Product Declaration (HPD) Completed - Used on Living Building Challenge (LBC) projects - Used on the ABC Green Home project	NA / Indefinite	- Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Stego®Wrap Vapor Retarder 10-mil Class A, Class C Vapor Barrier	Stego Industries, LLC	X			Pacific Northwest	---	Zero VOC	Non-Toxic	- Recyclable	NA / Indefinite	- Stego Industries, LLC runs its headquarters on 100% solar power - Contact Stego Industries, LLC to learn more about their Carbon Footprint Project.
Tapered Thermaroof-3/Therमारoof Plus-3 Thermal Insulation	ABC Supply	X			Fernley, NV	---	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- High R-Value per inch - Increases energy efficiency - Contributes to LEED credits	Limited/Lifetime	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Proudly Made and Engineered in the USA.
TITANIUM Peel & Stick Roofing Underlayment	InterWrap Inc. & Corp		X		China, India & UAE	ICC, CCRR & SCS	---	---	-Small recycled content-Pre-consumer	30 years	Holds fast growing market share
TITANIUM Synthetic Roof Underlayments (SRUDL)	InterWrap Inc. & Corp			X	USA, China, India	ICC, CCRR & SCS	---	---	-Minimum 20% recycled content-Pre-consumer. Leeds Listed.	Warranty/Lifespan of product	Hold the largest market share in North America - Expanding Globally.
TYVEK HOMEWRAP House Wrap	HONOLULU WOOD TREATING LLC	X	X		Wilmington, DE	NAHB GREEN APPROVED FOR NATIONAL GREEN BUILDING CERTIFICATION	---	---	-Improves energy efficiency and reduces energy bills	10	HEALTH PRODUCT DECLARATION
UDL 25, UDL-MD, UDL-30, UDL-50 Roofing Underlayment	InterWrap Inc. & Corp			X	USA, China, India	ICC, CCRR & SCS	---	---	-Minimum 20% recycled content-Pre-consumer. Leeds Listed.	30 years	---
Ultra-Max/Tapered Ultra-Max Thermal Insulation	ABC Supply		X		Fernley, NV	---	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- High R-Value per inch - Increases energy efficiency - Contributes to LEED credits	Limited/Lifetime	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Proudly Made and Engineered in the USA.
Vented Nailable Base-3 Insulation	ABC Supply		X		Fernley, NV	FSC	---	CFC-, HCFC-, and HFC free and no-added formaldehyde	- High R-Value per inch - Increases energy efficiency - Contributes to LEED credits	Limited/Lifetime	- USGBC member - ENERGY STAR partner - PIMA Founding Member - Proudly Made and Engineered in the USA.
Zalmag Roofing and wall tiles	Millenium Tiles, LLC	X			Elkhorn, WI	---	Zero VOC	---	- Energy efficient - 95% Recycled content - Water conserving	40 / 100	Potable water collection

07 00 00 THERMAL & MOISTURE PROTECTION : SIDING

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
CertainTeed Polymer Siding, Vinyl Siding, and Trim	HPM Building Supply		X		USA/Canada	---	---	Does not emit harmful chemicals	-Contains min 60% post- consumer and post-industrial recycled material	---	- USGBC member - Low maintenance, requires no painting or caulking - Has an environmental management system
CertainTeed Fiber Cement Siding	HPM Building Supply		X		USA/Canada	---	---	Does not emit harmful chemicals	-Contains 50% recycled content in the form of fly ash	---	- USGBC member - Has an environmental management system
EIFS Specialties Final Forms Plaster trims	Gordon, Inc.	X			---	PE International LCA UL Environment Certified EPD	Zero VOCs	---	-Materials are made of metal, are recyclable, and contain recycled content	---	- USGBC Member - LCA and EPD on materials
Hardie Shingle Siding	HPM Building Supply	X			USA	---	---	---	- Raw materials are low in toxicity: recycled up to 4 times - Durable - Manufacturing process eliminates VOCs during exterior painting	15 / ---	- Zero to Landfill project aimed at reducing amount of raw materials waste sent to the landfills by half - Raw materials are extracted and processed near manufacturing facility: reduces transportation
Hardie Soffit Panels	HPM Building Supply	X			USA	---	---	---	- Raw materials are low in toxicity and recycled up to 4 times - Durable - Manufacturing process eliminates VOCs during exterior painting	15 / ---	- Zero to Landfill project aimed at reducing amount of raw materials waste sent to the landfills by half - Raw materials are extracted and processed near manufacturing facility: reduces transportation
HardiePanel Vertical Siding	HPM Building Supply	X			USA	---	---	---	- Raw materials are low in toxicity: recycled up to 4 times - Durable - Manufacturing process eliminates VOCs during exterior painting	15 / ---	- Zero to Landfill project aimed at reducing amount of raw materials waste sent to the landfills by half - Raw materials are extracted and processed near manufacturing facility: reduces transportation
LP Smartside & Trim Exterior Siding and Trim	Vandermeer Forest Products	X			Kent, WA	---	Zero VOC	---	- Rapidly renewable - Recyclable	---	---
Soffit-Shield™ EXTERIOR SOFFIT & FASCIA CLADDING Soffit Panels	Gordon, Inc.	X			---	PE International LCA UL Environment Certified EPD	Zero VOCs	---	-Materials are made of metal, are recyclable, and contain recycled content	---	Miami-Dade County, Florida, Notice of Acceptance N.O.A. No. 13-0813.24 Expiration Date: August 14, 2018 Patent No.: US 8,166,728 B1
TruExterior Siding Siding	Boral		X		Salisbury, NC	SCS Certified recycled content Cradle to Cradle Silver Certified	---	---	- Minimum 70% recycled materials - Can achieve LEED points	20 years	---

07 00 00 THERMAL & MOISTURE PROTECTION : SIDING

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info	
	Company Name	IS	SO								OI
TruExterior Trim Exterior Trim	Boral		X		Salisbury, NC	SCS Certified recycled content Cradle to Cradle Silver Certified	---	---	- Minimum 70% recycled materials - Can achieve LEED points	20 years	---
Wall Panels Side Wall	Butler Manufacturing	X			Visalia, CA	---	Zero	---	-4.5 % recycled content, Paint reflectance values	25 yr paint warranty, 25 yr galvalume finish warranty	- Will contribute to LEED certification - EnergyStar partner - UL Registered Firm - USGBC member
Wall Panels, Metal Wall Panels, Wood Wall Panels Wall Paneling	Gordon, Inc.	X			---	PE International LCA UL Environment Certified EPD	Zero VOCs	---	-Materials are made of metal, are recyclable, and contain recycled content	---	- USGBC Member - LCA and EPD on materials

VEGETATED ROOF

Live Roof	Hawaiian Sunshine Nursery, Inc.		X		Spring Lake, MI	---	---	---	-Reduction of storm water runoff. Noise reduction. Decreases Urban Heat Island effect Fire prevention. Energy Conservation. Habitat creation for beneficial organisms. LiveRoof modules made from 100% recycled plastics.	Limited Warranty of 50 Years	-Contributes toward LEED Certification
SkyScape Vegetative Roof System	Advanced Roofing Technology, Inc.		X		Indianapolis, IN and Honolulu, HI	---	---	---	- Energy efficient - Reused - Biodegradable - Reusable - Recyclable	20 / indefinite	- Lowers heat island effect - Provides Improved storm-water management on-site - Has insulating qualities, lowering cooling demand within building - Qualifies for LEED credit

08 00 00 OPENINGS

LOOK FOR PRODUCTS WITH:

- Glass that minimizes heat gain and energy loss by having:
 - High Solar Reflectivity and Ultraviolet Protection (example: low-E glazing)
 - Low U-Value and High Insulative Value (example: double paned, gas filled)
 - ENERGY STAR or NFRC Certification

For a full list of ENERGY STAR certified products:

http://www.energystar.gov/index.cfm?c=products.pr_find_es_products

- Low Solar Heat Gain Coefficient (SHGC)
- Frame and door materials that have:
 - Recycled content
 - Wood from FSC or SFI certified forests
 - Meet National Green Building Standards
 - SCS Certification for optimal indoor air quality
- Sealants and adhesives that are Zero or Low VOC
- No added urea-formaldehyde

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
DOORS AND FRAMES											
Andersen Windows Low E Sun Tempered Windows	HPM Building Supply		X		Bayport, MN	- ENERGY STAR Certified - NFRC Certified	---	---	Reflects UV Rays, reducing heat gain	---	- Depending on series and style chosen, the window may also have FSC or SCS Certification, contain recycled content, or meet National Green Building Standards - Member of the Alliance to Save Energy - USGBC Member
Andersen Windows Low-E Sun Windows	HPM Building Supply		X		Bayport, MN	- ENERGY STAR Certified - NFRC Certified	---	---	Reflects UV Rays, reducing heat gain	---	- Depending on series and style chosen, the window may also have FSC or SCS Certification, contain recycled content, or meet National Green Building Standards - Member of the Alliance to Save Energy - USGBC Member
Frames	Butler Manufacturing	X			Visalia, CA	---	Zero VOC	---	74.6% recycled content	3 yr std warranty, upgrade to 5	- Will contribute to LEED certification

08 00 00 OPENINGS: DOORS AND FRAMES (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Masonite Safe 'N Sound Emerald Doors	HPM Building Supply		X		---	FSC Certified	---	- Made with low emission sealants & adhesives - No added urea-formaldehyde	Made with Pre-consumer recycled content	---	- ENERGY STAR Partner - Manufactured with DorCor, a rapidly renewable resource derived from wheat straw/ fiber
Masonite Hollow Core Emerald Doors	HPM Building Supply		X		---	---	---	- Made with low emission sealants & adhesives - No added urea-formaldehyde	Made with Pre-consumer recycled content	---	- ENERGY STAR Partner - Manufactured with DorCor, a rapidly renewable resource derived from wheat straw/ fiber
Masonite Safe 'N Sound Doors	HPM Building Supply	X			---	---	---	Made with low emission sealants & adhesives	- Made with Pre-consumer recycled content - Rapidly renewable materials	---	- ENERGY STAR Partner - Manufactured with DorCor, a rapidly renewable resource derived from wheat straw/ fiber
Raynor Garage doors	SERVCO-Raynor Overhead Doors		X		Dixon, IL	GreenSpec	---	---	- Energy-saving insulation - Uses recycled steel and glass	---	-Raynor Green certification

WINDOWS, SKYLIGHTS AND CURTAIN WALLS

Breezway Altair Louver Windows	Breezway	X			Hawaii	NFRC FSC (wood blades) and recycled Aluminum blades	Zero VOC	---	- Energy efficient - Rapidly renewable - Reused - 10% Pre-consumer recycled content - Recyclable	7 / 60+	- Passive cooling - Increased Daylighting - Tight sealing for reduction of air leakage when used with mechanical systems - All cut ends are recycled
Bristolite Skylights	Hawaii Skylights & Solar Fans				Santa Ana, Ca	ENERGY STAR NFRC	---	---	---	5/30	-Daylighting avoids using electrical light, saving energy
Firestone SunWave Daylight System Skylight	Advanced Roofing Technology, Inc.		X		Sacramento, CA	NFRC	---	---	- Energy efficient - Reused - 25% Post-Consumer recycled content - Recyclable	20 / 40	- Manufactured with 100% Wind Energy - Environmentally responsible corporate practices
Force Field	Breezway		X		Australia	WERS	0	0	-Powdercoat Finish, Marine grade 316 stainless steel - fully recyclable	10 / 60+	-Hurricane Impact screen that reduces SHGC by 55% when applied over windows

08 00 00 OPENINGS : WINDOWS, SKYLIGHTS AND CURTAIN WALLS (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info	
	Company Name	IS	SO								OI
Andersen Windows Low E Sun Tempered Windows	HPM Building Supply		X		Bayport, MN	ENERGY STAR NFRC	---	---	Reflects UV Rays, reducing heat gain	---	- Depending on series and style chosen, the window may also have FSC or SCS Certification, contain recycled content, or meet National Green Building Standards - Member of the Alliance to Save Energy - USGBC Member
Andersen Windows Low-E4 SmartSun Windows	Honsador Lumber LLC HPM Building Supply		X		Bayport, MN	ENERGY STAR NFRC	---	---	Reflects UV Rays, reducing heat gain	---	- Depending on series and style chosen, the window may also have FSC or SCS Certification, contain recycled content, or meet National Green Building Standards - Member of the Alliance to Save Energy - USGBC Member
Andersen Windows Low-E4 Sun Tempered Windows	Honsador Lumber LLC HPM Building Supply		X		Bayport, MN	ENERGY STAR NFRC	---	---	Reflects UV Rays, reducing heat gain	---	- Depending on series and style chosen, the window may also have FSC or SCS Certification, contain recycled content, or meet National Green Building Standards - Member of the Alliance to Save Energy - USGBC Member
Andersen Windows Low-E4 Sun Windows	Honsador Lumber LLC HPM Building Supply		X		Bayport, MN	ENERGY STAR NFRC	---	---	Reflects UV Rays, reducing heat gain	---	- Depending on series and style chosen, the window may also have FSC or SCS Certification, contain recycled content, or meet National Green Building Standards - Member of the Alliance to Save Energy - USGBC Member
Andersen Windows Low-E SmartSun Windows	Honsador Lumber LLC HPM Building Supply		X		Bayport, MN	ENERGY STAR NFRC	---	---	Reflects UV Rays, reducing heat gain	---	- Depending on series and style chosen, the window may also have FSC or SCS Certification, contain recycled content, or meet National Green Building Standards - Member of the Alliance to Save Energy - USGBC Member
Solatube Skylights	Hawaii Skylights & Solar Fans	X			Vista, CA	NFRC	---	---	-U-value 0.43, - Solar Heat Gain Coefficient 0.24 - Recyclable	10 / 30	-Daylighting avoids using electrical light, saving energy
Wasco Skylights	Hawaii Skylights & Solar Fans				Wells, Me	NFRC / ENERGY STAR	---	---	---	5/30	-Daylighting avoids using electrical light, saving energy

08 00 00 OPENINGS : WINDOWS, SKYLIGHTS AND CURTAIN WALLS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Andersen Windows Low-E Sun Windows	HPM Building Supply		X		Bayport, MN	ENERGY STAR NFRC	---	---	-Reflects UV Rays, reducing heat gain	---	- Depending on series and style chosen, the window may also have FSC or SCS Certification, contain recycled content, or meet National Green Building Standards - Member of the Alliance to Save Energy - USGBC Member
Milgard EdgeGuard MAX Window Spacers	HPM Building Supply		X		USA	ENERGY STAR NFRC	---	---	- Conducts less energy to maintain a more constant temperature - Blocks heat escape path for more year-round comfort	---	- ENERGY STAR partner - Reduces condensation
Milgard SunCoat Windows	HPM Building Supply	X			USA	ENERGY STAR NFRC	---	--	- Energy saving - Reduces harmful UV rays up to 84 percent	---	- Consistent temperatures for greater comfort saves energy - ENERGY STAR partner
Milgard 3D / 3D Max Window packages	HPM Building Supply		X		USA	ENERGY STAR NFRC	---	---	-Packages specifically geared towards the highest energy efficiency for the local climate	---	- ENERGY STAR partner - Protection against UV Ray damage - Reduction in noise pollution
Milgard SunCoatMAX Windows	HPM Building Supply		X		USA	ENERGY STAR NFRC	---	---	-Low-E glass product with high clarity	---	ENERGY STAR partner
Kieselbach Woodworks Custom fenestrations	Kieselbach Woodworks		X		Hawaii	FSC (for some of the woods)	---	---	-Recyclable	---	Made from locally sourced wood or imported from certified forests
Reflections Custom Glass and Glazing	Reflections		X		HI	---	---	--	- Reusable - Recyclable	---	Heat reducing qualities
Awnings	Tropical J's, Inc.		X		US	Greenguard	Individual VOCs 1/2 CREL or 1/100th TLVB	---	-Recyclable	Ten Years	Locally Manufactured products in Hawaii specifically for Hawaii which solves rain, wind, sun and privacy issues.
Canopies	Tropical J's, Inc.		X		US	Greenguard	Individual VOCs 1/2 CREL or 1/100th TLVB	---	-Recyclable	Ten Years	Locally Manufactured products in Hawaii specifically for Hawaii which solves rain, wind, sun and privacy issues.
Cushions	Tropical J's, Inc.		X		US	Greenguard	Individual VOCs 1/2 CREL or 1/100th TLVB	---	-Recyclable	Ten Years	Locally Manufactured products in Hawaii specifically for Hawaii which solves rain, wind, sun and privacy issues.
UV Shade Screens	Tropical J's, Inc.		X		US	Greenguard	Individual VOCs 1/2 CREL or 1/100th TLVB	---	-Recyclable	Ten Years	Locally Manufactured products in Hawaii specifically for Hawaii which solves rain, wind, sun and privacy issues.

08 00 00 OPENINGS : WINDOWS, SKYLIGHTS AND CURTAIN WALLS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
VENTS											
Soffit Vents Final Forms R Series	Gordon, Inc.	X			Various. Mostly from USA.	- PE International LCA - UL Environment Certified EPD for all aluminum and steel products	Zero VOC	Non-Toxic	Materials are made of metal, are recyclable, and contain recycled content	---	---

09 00 00 FINISHES

LOOK FOR PRODUCTS WITH:

- Recycled content
- No added urea-formaldehyde for carpet, wood ceiling panels and flooring
- Locally sourced materials or from FSC or SFI certified forests
- Zero or Low-VOC paints, sealants, and adhesives
- Biobased materials (example: soy-based and water-based paints)
- Rapidly renewable materials (example: bamboo and cork flooring)
- Recyclability, Biodegradability, and/or Cradle to Cradle Certification for after-useful-life options

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
ACOUSTICAL CEILINGS											
1000 Series Wood Grilles Acoustical Wood Ceiling	9Wood		X		Springfield, OR	FSC Chain-of-Custody manufacturer (SCS-COC-000667) (available)	Low VOC (available)	- No added or Ultra low-emitting formaldehyde cores available - Low-emitting finishes available	- Rapidly renewable (available) - Reused (available) - Recycled content (available) - Reusable (available)	1 / 50	- Soy-based adhesives in plywood backers - Recycled content materials (available) reuse regional materials and rapidly renewable materials (available) - Certified wood (available) - USGBC member
2000 Series Linear Wood Acoustical Wood Ceiling	9Wood		X		Springfield, OR	FSC Chain-of-Custody manufacturer (SCS-COC-000667) (available)	Low VOC (available)	- No added or Ultra low-emitting formaldehyde cores available - Low-emitting finishes available	- Rapidly renewable (available) - Reused (available) - Recycled content (available) - Reusable (available)	1 / 50	- Soy-based adhesives in plywood backers - Recycled content materials (available) reuse regional materials and rapidly renewable materials (available) - Certified wood (available) - USGBC member
3000 Series Acoustic Wood Acoustic Wood Ceiling	9Wood		X		Springfield, OR	FSC Chain-of-Custody manufacturer (SCS-COC-000667) (available)	Low VOC (available)	- No added or Ultra low-emitting formaldehyde cores available - Low-emitting finishes available	- Rapidly renewable (available) - Reused (available) - Recycled content (available) - Reusable (available)	1 / 50	-Soy-based adhesives in plywood backers - Recycled content materials (available) reuse regional materials and rapidly renewable materials (available) - Certified wood (available) - USGBC member
4000 Series Wood Tiles Acoustic Wood Ceiling	9Wood		X		Springfield, OR	FSC Chain-of-Custody manufacturer (SCS-COC-000667) (available)	Low VOC (available)	- No added or Ultra low-emitting formaldehyde cores available - Low-emitting finishes available	- Rapidly renewable (available) - Reused (available) - Recycled content (available) - Reusable (available)	1 / 50	- Soy-based adhesives in plywood backers - Recycled content materials (available) reuse regional materials and rapidly renewable materials (available) - Certified wood (available) - USGBC member

09 00 00 FINISHES: ACOUSTICAL CEILING (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable	Warranty/Lifespan	Additional Info	
	Company Name	IS	SO								OI
5000 Series Perforated Tiles Acoustic Wood Ceiling	9Wood		X		Springfield, OR	FSC Chain-of-Custody manufacturer (SCS-COC-000667) (available)	Low VOC (available)	- No added or Ultra low-emitting formaldehyde cores available - Low-emitting finishes available	- Rapidly renewable (available) - Reused (available) - Recycled content (available) - Reusable (available)	1 / 50	- Soy-based adhesives in plywood backers - Recycled content materials (available) - reuse regional materials and rapidly renewable materials (available) - Certified wood (available) - USGBC member
6000 Series Wood Cubes Acoustic Wood Ceiling	9Wood		X		Springfield, OR	FSC Chain-of-Custody manufacturer (SCS-COC-000667) (available)	Low VOC (available)	- No added or Ultra low-emitting formaldehyde cores available - Low-emitting finishes available	- Rapidly renewable (available) - Reused (available) - Recycled content (available) - Reusable (available)	1 / 50	- Soy-based adhesives in plywood backers - Recycled content materials (available) - reuse regional materials and rapidly renewable materials (available) - Certified wood (available) - USGBC member
7000 Series Wood Coffers Acoustic Wood Ceiling	9Wood		X		Springfield, OR	FSC Chain-of-Custody manufacturer (SCS-COC-000667) (available)	Low VOC (available)	- No added or Ultra low-emitting formaldehyde cores available - Low-emitting finishes available	- Rapidly renewable (available) - Reused (available) - Recycled content (available) - Reusable (available)	1 / 50	- Soy-based adhesives in plywood backers - Recycled content materials (available) - reuse regional materials and rapidly renewable materials (available) - Certified wood (available) - USGBC member
8000 Series Wood Waves Acoustic Wood Ceiling	9Wood		X		Springfield, OR	FSC Chain-of-Custody manufacturer (SCS-COC-000667) (available)	Low VOC (available)	- No added or Ultra low-emitting formaldehyde cores available - Low-emitting finishes available	- Rapidly renewable (available) - Reused (available) - Recycled content (available) - Reusable (available)	1 / 50	- Soy-based adhesives in plywood backers - Recycled content materials (available) - reuse regional materials and rapidly renewable materials (available) - Certified wood (available) - USGBC member
Above View By Tiles, Inc. Suspended ornamental plaster ceiling tiles	Above View By Tiles, Inc. Williams Pacific, Inc.		X		Milwaukee, WI	---	Zero VOC	---	- Energy efficient - Water-based - Non-toxic - Biodegradable - Reusable - Recyclable	1 / 30	- Low carbon foot print

09 00 00 FINISHES : ACOUSTICAL CEILINGS

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Aluma Vault systems (torsion spring accessible ceilings and lay-in panel ceilings), Beam Mate beam ceilings, Bold Beam, Hook-On ceilings, Marquis linear metal panel system, MILLENNIUM ceilings, Environmental extruded grid, ALPRO Ceiling Panel systems, Data Center DG 1.5 Ceilings	Gordon, Inc.	x			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	Materials are made of metal, are recyclable, and contain recycled content	---	When textured paint and powder coat finishes are applied to products or ceilings have embossed panels, mechanical finishes, or are textured stainless steel
Aluma Vault systems (torsion spring accessible ceilings and lay-in panel ceilings), Beam Mate beam ceilings, Hook-On ceilings, Marquis linear metal panel system, Custom suspension, Environmental extruded grid	Gordon, Inc.	x			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	Materials are made of metal, are recyclable, and contain recycled content		When systems are supplied with GreenWood laminates and perforated panels and sound pads or acoustical fabric
Aluma Vault systems (torsion spring accessible ceilings and lay-in panel ceilings), Beam Mate beam ceilings, Hook-On ceilings, Marquis linear metal panel system, MILLENNIUM ceilings, Series Grid (A, B, C, D types), Custom suspension, Gasketed grid systems (CG & RG systems), Environmental extruded grid, ALPRO Ceiling Panel systems, Data Center DG 1.5 Ceilings	Gordon, Inc.	x			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	Materials are made of metal, are recyclable, and contain recycled content		When systems are supplied with perforated panels and sound pads or acoustical fabric

09 00 00 FINISHES: ACOUSTICAL CEILINGS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Aluma Vault systems (torsion spring accessible ceilings and lay-in panel ceilings), Beam Mate beam ceilings, Light beam, Bold Beam, Fin Mate baffle ceilings, Hook-On ceilings, Marquis linear metal panel system, MILLENNIUM ceilings, Sky Mate Luminous ceilings, Series Grid (A, B, C, D types), Custom suspension, Gasketed grid systems (CG & RG systems), Wall Angle, Contura perimeter trims (Acoustical, Drywall, VANTAGE POINT, Soft Point, custom profiles, Perimeter Pockets, Environmental extruded grid, ALPRO Ceiling Panel systems, Data Center DG 1.5 Ceilings	Gordon, Inc.	x			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	Materials are made of metal, are recyclable, and contain recycled content		
Aluma Vault systems (torsion spring accessible ceilings and lay-in panel ceilings), Beam Mate beam ceilings, Light beam, Bold Beam, Fin Mate baffle ceilings, Hook-On ceilings, Marquis linear metal panel system, MILLENNIUM ceilings, Sky Mate Luminous ceilings, Contura perimeter trims (Acoustical, Drywall, VANTAGE POINT, Soft Point, custom profiles), ALPRO Ceiling Panel systems	Gordon, Inc.	x			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	Materials are made of metal, are recyclable, and contain recycled content		

09 00 00 FINISHES: ACOUSTICAL CEILINGS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
CertainTeed Ecophon Focus Ds Ceiling Panels	HPM Building Supply		X		---	---	---	---	- Recycled content: 75% total, 70% post-consumer, 5% pre-consumer - Certified low-emitting product	Limited / 10	- USGBC member - Provides superior sound absorption - High light reflectance: above 0.82 according to ASTM E1477
Contura perimeter trims (Acoustical, Drywall), Column Collars	Gordon, Inc.	X			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	-Materials are made of metal, are recyclable, and contain recycled content		
DG 1.5 Data Center Ceilings, Cleanroom ceilings	Gordon, Inc.	X			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	-Materials are made of metal, are recyclable, and contain recycled content		
FoldScapes 3D Drop Ceiling Tiles	MIO	X		X	Philadelphia USA	FSC	---	---	-High Recycled content, Recyclable, Modular	Application dependent 3-5 years	
FRP panels with lay-in Aluma Vault systems, Beam Mate, various suspension systems	Gordon, Inc.	X			---	When using aluminum or steel suspension, PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None			
Homasote Sound Solutions	Vandermeer Forest Products	X			Kent, WA	LEED, FSC	Zero VOC	---	-Made from up to 98% recycled post-consumer paper products		-For 100 years Homasote®, has been the only manufacturer of its kind in North America. Homasote's environmentally-intelligent building and industrial packaging products made of 98% recycled materials are truly unique, both in their manufacturing processes and their dependable fiberboard construction performance.
NWP Wood Panels Veneer Ceiling Panels	Norton Industries Incorporated			X	Lakewood, OH	FSC	Zero VOC	---	- Rapidly renewable - 99% recycled content - 96.47% pre-consumer and 3.53% is recovered/ other material - Recyclable	1 / 10	- Veneer use versus solid wood dramatically reduces the amount of wood used - Water based finishes are used on topcoat

09 00 00 FINISHES : ACOUSTICAL CEILINGS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Rockfon Acoustical Ceiling Panels and Grid	Rockfon / Chicago Metallic	X	X		Montebello, CA Distribution	Greenguard Gold all Rockfon Panels	Greenguard Gold - Low VOC	---	- Good for indoor air quality, low VOC, up to 42% recycled content, inherently mold and humidity resistant - no added chemicals, high NRC for sound absorption	30 year warranty tile and grid	Smooth bright white surface, good light reflectance, dimensionally stable, fire resistant
ROCKFON Alaska	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	- Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certification - No sustenance to harmful micro-organisms	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Alaska dB	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	- Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Artic	Admor HVAC Products	X			Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	- Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Color-All	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	- Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms	30 year system warranty	http://www.rockfon.com/sustainability

09 00 00 FINISHES: ACOUSTICAL CEILINGS (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Feature	Warranty/Lifespan	Additional Info	
	Company Name	IS	SO								OI
ROCKFON Contour	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Facett	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Hygienic Plus	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Impact	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Industrial Opal / Nature / Black	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability

09 00 00 FINISHES : ACOUSTICAL CEILINGS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
ROCKFON Island	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Koral	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Medical Air	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Medical Plus	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Medical Standard	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability

09 00 00 FINISHES : ACOUSTICAL CEILINGS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
ROCKFON Multiflex Baffles	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Pacific	Admor HVAC Products	X			Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Sonar	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Sonar Activity	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
ROCKFON Sonar dB	Admor HVAC Products		X		Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability

09 00 00 FINISHES : ACOUSTICAL CEILINGS (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info	
	Company Name	IS	SO								OI
ROCKFON Tropic	Admor HVAC Products	X			Montebello, CA	UL Environment's GREENGUARD and GREENGUARD Gold	0.22 mg/m	---	<ul style="list-style-type: none"> - Raw material in abundance (basalt rock) - Portion of product waste is recycled (up to 39% recycled content) - Stringent environmental management - Indoor climate certifications - No sustenance to harmful micro-organisms 	30 year system warranty	http://www.rockfon.com/sustainability
Roof Panels	Butler Manufacturing	X			Visalia, CA	---	Zero VOCs	---	<ul style="list-style-type: none"> - 4.5 % recycled content, Paint reflectance values (see attached table) 	25 yr paint warranty, 25 yr galvalume finish warranty, up to 25 yr weathertight warranty	Will contribute to LEED certification
Series Grid (A, B, C, D types), Custom suspension, Environmental extruded grid, Data Center DG 1.5 Ceilings	Gordon, Inc.	x			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	<ul style="list-style-type: none"> - Materials are made of metal, are recyclable, and contain recycled content 		
Sky Mate ceilings and custom luminous applications	Gordon, Inc.	x			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	<ul style="list-style-type: none"> - Materials are made of metal, are recyclable, and contain recycled content 	Sky Mate ceilings and custom luminous applications	Gordon, Inc.

GYPSUM BOARD

ABUSE CURB	PABCO Gypsum	X			Las Vegas, NV	CHPS Berkeley Analytical Laboratories	≤0.5 mg/m ³	---	<ul style="list-style-type: none"> - 1% Post Consumer and 11% Pre Consumer - 12% Total Recycled Content - 100% Recyclable pre Décor 	1 / life of bldg	---
CertainTeed GlassRoc Gypsum Board	HPM Building Supply		X		---	ISO 14001 (manufactury plant)	---	---	<ul style="list-style-type: none"> - Contains 100% recycled face paper - 96% synthetic or "by-product" gypsum from coal-fired power plants is used where available 	Limited / 5	USGBC member

09 00 00 FINISHES : GYPSUM BOARD (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
CertainTeed ProRoc - M2 Tech Gypsum Board	HPM Building Supply		X		---	GREENGUARD ISO 14001 (manufacturing plant)	---	---	- Contains 100% recycled face paper - 96% Synthetic or "by-product" gypsum from coal-fired power plants is used where available	---	- USGBC member - Moisture and mildew resistant
DensArmor Plus® Gypsum Panels	Georgia-Pacific Gypsum LLC			X	Tacoma, WA	UL Environment	UL Environment GREEN GUARD GOLD certified as Low Emitting	---	30% Preconsumer recycled content	1 year exposure warranty, 3 year manufacturer's defect warranty	-UL Sustainable Product Guide Mold Resistance- Claims Validation
DensDeck® Roof boards	Georgia-Pacific Gypsum LLC			X	Tacoma, WA	---	---	---	30% Preconsumer recycled content	2 year limited warranty	-Mold resistance per ASTM D 3273
DensGlass® Shaftliner	Georgia-Pacific Gypsum LLC			X	Antioch, CA	---	---	---	---	1 year exposure warranty, 5 year manufacturer's defect warranty	-Mold resistance per ASTM D 3273
DensGlass® Sheathing	Georgia-Pacific Gypsum LLC			X	Tacoma, WA	UL Environment	---	---	30% Preconsumer recycled content	1 year exposure warranty, 5 year manufacturer's defect warranty	-UL Sustainable Product Guide Mold Resistance- Claims Validation
Final Forms Drywall Trims, Mullion Mate Partition closures, Light Coves	Gordon, Inc.	X			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	Materials are made of metal, are recyclable, and contain recycled content	---	---
MOLD CURB Plus	PABCO Gypsum	X			Las Vegas, NV	CHPS Berkely Analytical Laboratories	≤0.5 mg/m3	---	- 1% Post Consumer and 10% Pre Consumer 11% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
PABCO Exterior Soffit	PABCO Gypsum	X			Las Vegas, NV	---	---	---	- 1% Post Consumer and 10% Pre Consumer 11% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---

09 00 00 FINISHES : GYPSUM BOARD (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
PABCO FLAME CURB	PABCO Gypsum	X			Las Vegas, NV	CHPS Berkely Analytical Laboratories	≤0.5 mg/m ³	---	- 1% Post Consumer and 10% Pre Consumer 11% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
PABCO GLASS Shaftliner	PABCO Gypsum	X			Las Vegas, NV	---	---	---	- 0% Post Consumer and 6% Pre Consumer 6% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
PABCO GLASS Sheathing	PABCO Gypsum	X			Las Vegas, NV	---	---	---	- 0% Post Consumer and 17% Pre Consumer 17% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
PABCO GYPSUM Sheathing	PABCO Gypsum	X			Las Vegas, NV	---	---	---	- 1% Post Consumer and 11% Pre Consumer 12% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
PABCO High Impact	PABCO Gypsum	X			Las Vegas, NV	CHPS Berkeley Analytical Laboratories	≤0.5 mg/m ³	---	- 1% Post Consumer and 11% Pre Consumer 12% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
PABCO Interior Ceiling	PABCO Gypsum	X			Las Vegas, NV	---	---	---	- 1% Post Consumer and 11% Pre Consumer 12% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
PABCO LITECORE	PABCO Gypsum	X			Las Vegas, NV	---	---	---	- 1% Post Consumer and 12% Pre Consumer 13% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
PABCO REGULAR Gypsum Board	PABCO Gypsum	X			Las Vegas, NV	---	---	---	- 1% Post Consumer and 11% Pre Consumer 12% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
PABCO WATER CURB	PABCO Gypsum	X			Las Vegas, NV	CHPS Berkeley Analytical Laboratories	≤0.5 mg/m ³	---	- 1% Post Consumer and 10% Pre Consumer 11% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
PABCO MOLD CURB Plus Shaftliner	PABCO Gypsum	X			Las Vegas, NV	CHPS Berkeley Analytical Laboratories	≤0.5 mg/m ³	---	- 0% Post Consumer and 9% Pre Consumer 10% Total Recycled Content - 100% Recyclable pre Décor	1 / life of bldg	---
QuietRock 510	PABCO Gypsum	X			Newark, CA	---	---	---	- 1% Post Consumer and 7% Pre Consumer 8% Total Recycled Content	1 / life of bldg	---
QuietRock 530	PABCO Gypsum	X			Newark, CA	CHPS Berkeley Analytical Laboratories	≤0.5 mg/m ³	---	- 1% Post Consumer and 10% Pre Consumer 11% Total Recycled Content	1 / life of bldg	---

09 00 00 FINISHES : GYPSUM BOARD (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
QuietRock 530 RF	PABCO Gypsum	X			Newark, CA	CHPS Berkeley Analytical Laboratories	≤0.5 mg/m ³	---	- 1% Post Consumer and 10% Pre Consumer 11% Total Recycled Content	1 / life of bldg	---
QuietRock 545	PABCO Gypsum	X			Newark, CA	CHPS Berkeley Analytical Laboratories	≤0.5 mg/m ³	---	- 1% Post Consumer and 5% Pre Consumer 6% Total Recycled Content	1 / life of bldg	---
QuietRock ES	PABCO Gypsum	X			Newark, CA	CHPS Berkeley Analytical Laboratories	≤0.5 mg/m ³	---	- 1% Post Consumer and 10% Pre Consumer 11% Total Recycled Content	1 / life of bldg	---
QuietRock ES MR	PABCO Gypsum	X			Newark, CA	CHPS Berkeley Analytical Laboratories	≤0.5 mg/m ³	---	- 1% Post Consumer and 10% Pre Consumer 11% Total Recycled Content	1 / life of bldg	---
ToughRock® Gypsum Wallboard Products	Georgia-Pacific Gypsum LLC			X	Tacoma, WA	UL Environment GREENGUARD GOLD certified as Low Emitting	---	---	31% Preconsumer recycled content, 4% post-consumer recycled content, certified as low - emitting, Generic Environmental Product Declaration (EPD) on 5/8 type X	2 year limited warranty, 60 years per LCA/EPD	ToughRock® MoldGuard is UL Sustainable Product Guide Mold Resistance- Claims Validation

FLOORING: ADHESIVES AND UNDERLAYMENT

DensShield® Tilebacker	Georgia-Pacific Gypsum LLC			X	Quanah, TX	UL Environment	---	NA	---	20 year manufacturer's defect warranty (commercial)	UL Sustainable Product Guide Mold Resistance- Claims Validation
ECOsurfaces ECOSilence Underlayment	RW Supply		X		---	Floor Score CHPS	---	---	- 93% Post-consumer recycled content - Recyclable - Durable: good UV-stability and abrasion resistance	---	- Qualifies for LEED credits - Washington State standard for IAQ compliant - Supports ASTM e2129-01 Sustainability Assessment
LP Top Notch 350 Subflooring	Vandermeer Forest Products	X			Kent, WA	SFI Certified	Zero VOC	---	- Rapidly renewable - Recyclable	25 year warranty	LP Topnotch 350 ZB Premium OSB Subflooring with Zinc Borate delivers strength, stiffness, and borate protection at a great price
Tac Tiles Flooring adhesive	Interface, Inc.		X		LaGrange, GA	CRI Green Label Plus NSF	Zero VOC	---	- Eliminates the need for adhesives - Environmental footprint 90% smaller than glue - Recyclable	15 / 15+	- Biomimicry inspired design - Recyclable through InterfaceFLOR's ReEntry2.0 recycling program
Bostik (axios technology)	Pacific American Lumber	X	X		Honolulu, HI	USGBC	Low, zero	Low, zero		lifetime	

09 00 00 FINISHES : FLOORING: BAMBOO AND CORK

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Capri Cork	Architectural Surfaces Inc.		X		PA	Floor Score	---	No urea-formaldehyde resins	0% post-consumer and 90% post industrial waste, rapidly renewable resource	10	contributes to LEED credits
Durapalm Flooring	Maui Laminate, Architectural Woods, L.P. Smith & Fong Plyboo		X		Fremont, CA	NAF	---	Formaldehyde free	Rapidly renewable	25, 15 residential 10 commercial / --	Made from palm, a rapidly renewable resource
Plyboo Pure Flooring	Maui Laminates Inc. & Architectural Woods, L.P. Smith & Fong Plyboo		X		Fremont, CA	FloorScore FSC SCS	---	---	Rapidly renewable	25, 15 residential, 10 commercial / --	---
Plyboo Squared Flooring	Maui Laminates Inc. & Architectural Woods, L.P. Smith & Fong Plyboo		X		Fremont, CA	FloorScore FSC SCS	---	---	Rapidly renewable	25, 15 residential, 10 commercial / --	---
Plyboo Strand Flooring	Maui Laminates Inc. & Architectural Woods, L.P. Smith & Fong Plyboo		X		Fremont, CA	FloorScore FSC	---	---	Rapidly renewable	25, 15 residential, 10 commercial / --	---

FLOORING: CARPETING

FLOR Carpet Tiles with GlasBac or GLAS BAC RE backing	Interface, Inc.		X		LaGrange, GA	CRI Green Label Plus NSF 140 Gold for GlasBac ISO 14001	Very Low VOC: < 0.50 mg/m2 hour	Phthalates PVC (from recycled sources)	<ul style="list-style-type: none"> - Recycled content With GlasBacRE backing: Total RC: 56-80%, Post-consumer RC: 22-29%, Pre-consumer: 34-52% With GlasBac backing: Total RC: 40-62%, Post-consumer RC: 0-5%, Pre-consumer RC: 40-57% - Reusable - Recyclable - Dematerialized 	15 / 15+	<ul style="list-style-type: none"> - Biomimicry inspired design - Renewable energy powers 40% of manufacturing - InterfaceFLOR's ReEntry2.0 carpet reclamation program recycles old carpet into new carpet - Mission Zero Program: eliminate any negative impact on the environment by 2020
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09 00 00 FINISHES: FLOORING: CARPETING (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Nylon on EcoFlex ICT	The Mohawk Group - Bigelow Commercial Carpets, Lees Carpets and Karastan Contract Carpets	X			Glasgow, VA	<ul style="list-style-type: none"> - CRI Green Label Plus - Environmental Product Declaration - NSF 140 GoD - UL Recycled Content Validation 	< 50 g/L VOC content	PVC	<ul style="list-style-type: none"> - Minimum 39% Pre-consumer recycled content - Declare Label - 100% Recyclable 	Lifetime wear / --	---
Nylon on EcoFlex NXT	The Mohawk Group - Bigelow Commercial Carpets, Lees Carpets and Karastan Contract Carpets	X			Glasgow, VA	<ul style="list-style-type: none"> - CRI Green Label Plus - Environmental Product Declaration - NSF 140 Gold (Platinum available upon upgrade) - UL Recycled Content Validation 	< 50 g/L VOC content	---	<ul style="list-style-type: none"> - Minimum 42% Pre-consumer recycled content - Upgraded Platinum level has 29% pre-consumer recycled content and 12% post-consumer recycled content - Living Building Challenge - Red list free - Declare Label - Health Product Declaration - 100% Recyclable 	Lifetime wear / --	---
Nylon on Weldlok	The Mohawk Group - Bigelow Commercial Carpets, Lees Carpets and Karastan Contract Carpets	X			Chatsworth, GA	<ul style="list-style-type: none"> - CRI Green Label Plus - Environmental Product Declaration - NSF 140 Gold - UL Recycled Content Validation 	< 50 g/L VOC content	---	<ul style="list-style-type: none"> - Minimum 25% Pre-consumer recycled content - Living Building Challenge - Red list Free - Declare Label - Health Product Declaration - 100% Recyclable 	Lifetime wear / --	---
Nylon on Weldlok Unitary	The Mohawk Group - Bigelow Commercial Carpets, Lees Carpets and Karastan Contract Carpets	X			Chatsworth, GA	<ul style="list-style-type: none"> - CRI Green Label Plus - UL Recycled Content Validation 	< 50 g/L VOC content	---	<ul style="list-style-type: none"> - Minimum 18% Pre-consumer recycled content - Living Building Challenge - Red list Free - Declare Label - Health Product Declaration - 100% Recyclable 	Lifetime wear / --	---
Nylon on Woven	The Mohawk Group - Bigelow Commercial Carpets, Lees Carpets and Karastan Contract Carpets	X			Landrum, SC	<ul style="list-style-type: none"> - CRI Green Label Plus - Environmental Product Declaration - NSF 140 Gold - UL Recycled Content Validation 	< 50 g/L VOC content	---	<ul style="list-style-type: none"> - Living Building Challenge - Red list Free - Declare Label - Health Product Declaration - 100% Recyclable 	Lifetime wear / --	---

09 00 00 FINISHES: FLOORING: CARPETING (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info	
	Company Name	IS	SO								OI
rEvolv Modular Carpet Tile	Mannington Commercial T&A Supply Company	X			Calhoun, GA	CRI Green Label SCS	Zero VOC	---	- Energy efficient - Water conserving - 27% - 29% post-industrial: content - 10% - 11% post-consumer content - Reusable - Recyclable	Lifetime / 30+	- Offers recycling program called LOOP that takes back carpet at the end of its useful life to re-use or recycle and not be landfilled
Shaw Broadloom and carpet tiles	Shaw Contract Group	X			USA	CRI Green Label Plus Cradle to Cradle Silver	Low VOC	---	- Reusable - Recyclable - Minimum 25% recycled content	Lifetime / --	- Qualifies for LEED credits: MR Credit 4: Recycled Content; IEQ 3.1/3.2 Construction IAQ Mgmt Plan; IEQ 4.1/4.3 Low-Emitting Materials; ID 1.1 Innovation & Design; EB MR 3 Sustainable Purchasing; EB MR 9 Solid Waste Mgmt - Shaw takes back carpet at end of its life and recycles it into new product
Ultrabac RE Broadloom Carpet	Mannington Commercial T&A Supply Company	X			Calhoun, GA	CRI Green Label	Zero VOC	SBR	- Energy efficient - Water conserving - 10%-13% post-consumer content - Reusable - Recyclable	15 / 15+	- Offers recycling program called LOOP that takes back carpet at the end of its useful life to re-use or recycle and not be landfilled
FLOORING: RESILIENT											
Armstrong Linoleum with Naturcote Linoleum flooring	Tri-West		X		Germany	FloorScore	Low VOC	---	- 35% post-industrial in the form of wood dust and cork flour - 36% rapidly renewable content comprised of cork, linseed oil and jute backing	5 / --	- California Section 01350 - Qualifies for LEED credits: EQ Credit 4.3 - Low-emitting Materials; MR Credit 4.0 Recycled Content (10% or 20%) MR Credit 6.0 - Rapidly Renewable Resource
Armstrong Migrations BioBased Tile	Tri-West		X		Jackson, MS	FloorScore	Floor-Score certified low-emitting	PVC-free	- Bio-Stride is a polymer with 2% rapidly renewable content - 10% post-industrial recycled limestone content	5 / --	- USGBC member - Qualifies for LEED credits: EQ Credit 4.3 - Low-emitting Materials; MR Credit 4.0 Recycled Content; MR Credit 6.0 - Rapidly Renewable Resources

09 00 00 FINISHES: FLOORING: RESILIENT (cont.)

Product Name	Distributio				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty /	Additional Info
	Company Name	IS	SO	OI							
Biolife	Shaw Hard Surface				Korea	MRC4 Recycled content/ FloorScore certified/greenguard environmental Institiutes indoor air quality program, Greenguard Children & School	Low VOC	---	- post-consumer 11.7%/ pre consumer 9.3%/ floor score certified for indoor air quality	---	---
Burke EcoFitness FlexiblesSports and fitness flooring	Tri-West		X		San Jose, CA	---	---	---	- 71% post-consumer recycled content - Durable	5 / --	Qualifies for LEED credits: recycled content materials
Burke EcoFitness Naturals Indoor sports and fitness flooring	Tri-West		X		San Jose, CA	---	---	---	- 88% post-consumer recycled content - Durable	5 / --	Qualifies for LEED credits: recycled content materials
Burke EcoScore Multi-Purpose Rubber Tile Athletic Rubber Flooring	Tri-West		X		San Jose, CA	---	---	---	- 67% post-consumer recycled content - Durable	10 / --	Qualifies for LEED credits: recycled content materials
Burke Luxury Vinyl Tile Flooring	Tri-West	X			San Jose, CA	---	---	PVC	- 67% post-consumer recycled content - Durable	10 commercial 25 residential / --	Qualifies for LEED credits: recycled content materials
Burke Turf Anti-slip indoor/outdoor flooring	Tri-West		X		San Jose, CA	---	---	---	90% post-consumer recycled content	6 / --	Made from recycled bus and truck tire strips adhered to a reinforced scrim backing
Capri Cork Re-Tire	Architectural Surfaces Inc.		X		PA	Floor Score	---	No urea-formaldehyde resins	recycled post consumer & pre consumer/post industrial waste	10	Contributes to LEED credits
Chordinates	Shaw Hard Surface				Korea	MRC4 Recycled content/ FloorScore certified/greenguard environmental Institiutes indoor air quality program, Greenguard Children & School	Low VOC	---	post-consumer 20% / floor score certified for indoor air quality	---	---
Crete	Shaw Hard Surface				Korea	MRC4 Recycled content/ FloorScore certified/greenguard environmental Institiutes indoor air quality program, Greenguard Children & School	Low VOC	---	floor score certified for indoor air quality	---	---

09 00 00 FINISHES: FLOORING: RESILIENT (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
ECOsurfaces ECONights Recycled SBR tire rubber flooring	RW Supply				---	FloorScore CHPS	---	---	- 91% post-consumer recycled content - Recyclable - Durable: good UV-stability and abrasion resistance	---	- Qualifies for LEED credits - Washington State standard for IAQ compliant - Supports ASTM e2129-01 Sustainability Assessment
ECOsurfaces ECORocks Recycled rubber flooring	RW Supply				---	FloorScore	---	---	- 13.4% pre-consumer and 37.3% post-consumer recycled content - Recyclable - Durable: good UV-stability and abrasion resistance	---	- Qualifies for LEED credits - Washington State standard for IAQ compliant - Supports ASTM e2129-01 Sustainability Assessment
Edge Effects TP Wall Base	Mannington Commercial T&A Supply Company	X			San Jose, CA	SCS FloorScore	Zero VOC	---	- Energy efficient - Water conserving - 10% post-industrial (pre-consumer) recycled content - Recyclable	5 / 20	The recommended adhesive, MR-101, meet LEED criteria for certification under Credit 4.1 Low Emitting Materials -- Adhesives & Sealants
Grain	Shaw Hard Surface				Korea	MRc4 Recycled content/ FloorScore certified/green gaurd environmental Institutes indoor air quality program, Greenguard Children & School	Low VOC	---	72% recycled content an floor score certified	---	---
Jeogori	Shaw Hard Surface				Korea	MRc4 Recycled content/ FloorScore certified/green guard environmental Institutes indoor air quality program, Greenguard Children & School	Low VOC	---	Floor score certified for indoor air quality	---	---
Johnsonite Ecolibrium biobased Rubber wall base	RW Supply				---	Floor Score	---	---	- 16% pre-consumer recycled content - Rapidly renewable resources: 5.2% all profiles - 100% recyclable - Biobased: from pine rosin, walnut shell, vegetable oil, and oyster shells	---	Qualifies for LEED credits
Linoleum with NATURCote Flooring	Tri-West		X		Lancaster, PA	FloorScore SCS Indoor Air Quality EC10.2-2007	Low- VOC	---	- Energy efficient - Water-based - Water conserving - Biodegradable - 35% recycled materials - 36% rapidly renewable materials	5 / 20+	- Sustainable flooring made from rapidly renewable raw materials comprised of cork, linseed oil, and jute backing - Qualifies to LEED credits: MR4.0, MR6.0 and EQ4.3, EQ4.1

09 00 00 FINISHES: FLOORING: RESILIENT (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Linoleum with NATURCote Flooring	Tri-West		X		Lancaster, PA	FloorScore SCS Indoor Air Quality EC10.2-2007	Low- VOC	---	- Energy efficient - Water-based - Water conserving - Biodegradable - 35% recycled materials - 36% rapidly renewable materials	5 / 20+	- Sustainable flooring made from rapidly renewable raw materials comprised of cork, linseed oil, and jute backing - Qualifies to LEED credits: MR4.0, MR6.0 and EQ4.3, EQ4.1
Native Origins	Shaw Hard Surface				Korea	MRC4 Recycled content/ FloorScore certified/greenguard environmental Institutes indoor air quality program, Greenguard Children & School	Low VOC	---	Post consumer 39% pre-consumer 33% floor score certified for indoor air quality	---	---
Naturelife	Shaw Hard Surface				Korea	MRC4 Recycled content/ FloorScore certified/greenguard environmental Institutes indoor air quality program, Greenguard Children & School	Low VOC	---	Post-consumer 20% floor score certified for indoor air quality	---	---
Pigment	Shaw Hard Surface				Korea	MRC4 Recycled content/ FloorScore certified/greenguard environmental Institutes indoor air quality program, Greenguard Children & School	Low VOC	---	72% recycled content an floor score certified	---	---
Quiet cover	Shaw Hard Surface				Korea	MRC4 Recycled content/ FloorScore certified/greenguard environmental Institutes indoor air quality program, Greenguard Children & School	Low VOC	---	Post-consumer 39% pre-consumer 33% floor score certified for indoor air quality	---	---
Relay RE Resilient Sheet Flooring	Mannington Commercial T&A Supply Company	X			Salem, NJ	SCS FloorScore ISO 14001	Zero VOC	PVC	- Energy efficient - Water conserving - 20% post-consumer; 15% pre-consumer - Recyclable	5 / 30	- Recycled content certified by First Environment: 35% total recycled content - Recommended adhesive, V-95, qualifies for LEED credits: 4.1 Low Emitting Materials -- Adhesives & Sealants
Reset Rubber Flooring	Mannington Commercial T&A Supply Company	X			Lancaster, PA	SCS FloorScore	Zero VOC	---	- Energy efficient - Water conserving - 20% post-consumer; 15% pre-consumer - Recyclable	5 / 20	The recommended adhesive, MR-710, qualifies for LEED credits: 4.1 Low Emitting Materials, Adhesives & Sealants

09 00 00 FINISHES: FLOORING: RESILIENT (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Rexcourt	Shaw Hard Surface				Korea	MRC4 Recycled content/ FloorScore certified/green guard environmental Institutes indoor air quality program, Greenguard Children & School	Low VOC	---	floor score certified for indoor air quality	---	---
Shaw 4100 Adhesive	Shaw Hard Surface				USA	green label plus certified	Low VOC	---	floor score certified for indoor air quality	---	---
Uncommon Ground	Shaw Hard Surface				Korea	MRC4 Recycled content/ FloorScore certified/green guard environmental Institutes indoor air quality program, Greenguard Children & School	Low VOC	---	floor score certified for indoor air quality	---	---
Hallmark Luxury Vinyl	Pacific American Lumber		X		Honolulu, HI	Floorscore	---	---		5 finish/10 structural commercial 15 finish/lifetime structural residential	
FLOORING AND SURFACE: TILE WORK											
AluStone Flooring and wall tiling	Foamtech Hawaii LLC		X		Seoul, South Korea	ATS - Recycled goods certification from S. Korea	Zero VOC	---	- Rapidly renewable - Reused	10 / --	- Aluminum component can be recycled - Lower total stone component required for equivalent surface area coverage (efficiency in natural resource usage)
Apex Floor Coating	GP Maintenance Solutions	X			Cold Spring, MN	---	Zero VOC	---	-50% less waste of chemicals, water, and energy	---	---
Daltile Colour Scheme™ Glazed porcelain	Maru Flooring	X			---	FSC	---	---	- 60.4% pre-consumer recycled content - 2.8% post-consumer recycled content	---	- Uses roofing industry by-products as a major component of floor tile products - Recovers and reuses over 60 million gallons of process wastewater annually - Uses pre-consumer (post-industrial) recycled materials in over 97% of products
Daltile Cristallo Glass™ Glass tile	Maru Flooring	X			USA	---	---	---	79% recycled content (post-consumer)	---	- Same as above

09 00 00 FINISHES: FLOORING AND SURFACE: TILE WORK (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Daltile Sonterra Collection™ Glass tile	Maru Flooring	X			Multiple locations	---	---	---	100% recycled content (pre-consumer)	---	- Same as above
Fiandre	Fiandre Italy		X		Italy Crossville, Tennessee	Bureau Veritas Italia SpA	Zero VOC	N/A	40% Minimum Recycled Content.	1 Year / 40 Years	1/4" thick - Tile Over Tile - Construction waste reduction, Max. LEED 3 Pts.
MicroGuard Hard Tile Clear Gloss Treatment	GP Maintenance Solutions	X			Daytona Beach, FL	---	---	---	-Reduces the need for aggressive cleaning products	1 / 3-5	---
Premium Visual Tile (VCT) Brushwork, Colorpoint, Solidpoint Tile flooring	Mannington Commercial T&A Supply Company	X			Salem, NJ	SCS FloorScore ISO 14001	Zero VOC	---	- Energy efficient - Water conserving - 25% post-consumer - Recyclable	5 / 30	The recommended adhesive, M-Guard V-11, qualifies for LEED credits: Credit 4.1 Low Emitting Materials -- Adhesives & Sealants
Quickstep Laminate Flooring Laminate flooring	Tri-West		X		USA	NALFA	---	---	74% post-industrial wood waste content	5 commercial limited lifetime residential / --	---
Royal Mosa	Royal Mosa		X		Maastricht, Netherlands	MBDC and EPEA	Zero VOC	---	C2C Cradle to Cradle - SILVER	1 Year / 40 Years	Does not require the use of sealers, lower cost of ownership.
Stonepeak Ceramics	Stonepeak Ceramics		X		Crossville, Tennessee	Greenguard, Green Squared, Bureau Veritas Italia SpA	Zero VOC	---	32% to 65% Recycled Content.	1 Year / 40 Years	1/4" thick - Tile Over Tile - Construction waste reduction, Max. LEED 3 Pts.
TREND-Q	TREND USA		X		Sebring, Florida	Greenguard Children & Schools	Less than < 1/10th TLVs	---	40% to 80% Post Consumer Recycled Content. Stain proof reduced need for cleaning chemicals.	1 Year / 40 Years	1/4" thick - Tile Over Tile - Construction waste reduction, Max. LEED 3 Pts.

FLOORING : WOOD

Hallmark Wood flooring	Maru Flooring	X			USA	CARB & OTC Phase 2FSC	---	---	---	Lifetime structural, 20-30 finish / --	Qualifies for LEED credits
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09 00 00 FINISHES: FLOORING AND SURFACE: TILE WORK (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Boen Flooring	Pacific American Lumber	X	X		Honolulu, HI	FSC, Rainforest Alliance	---	---			
UA Floors	Pacific American Lumber	X	X		Honolulu, HI	FSC, USGBC	---	---	Carb II compliant, Japan 4 star emission rating		
Hallmark Hardwoods	Pacific American Lumber		X		Honolulu, HI	FSC			Carb II compliant	5 finish 10 structural commercial, lifetime residential	
FLOORING : WOOD											
Amerlock 2VOC	PPG Paints	X			Various Mainland	-Compliant with USDA Incidental Food Contact Requirements '-AWWA '-ICS #1, #2, #3, #5	< 100 VOC g/L	---	*VOC Compliant in all Regulated Areas *Durability lengthens maintenance cycle	Dependent upon conditions/Available upon Request	*Can earn LEED 2009 Credits under Anti-Corrosive Category
Benjamin Moore Interior & Exterior Paint	City Mill	X			USA & Can	---	Zero VOC	Low odor	-Zero VOC according to EPA Method 24	---	---
Benjamin Moore Aura Bath & Spa Interior Paint	HPM Building Supply		X		USA and Canada	CHPS GREENGUARD	< 44g/L (low VOC) after tinting	---	---	---	Mildew resistant
Benjamin Moore Eco Spec Waterborne paint Interior paint	HPM Building Supply	X			USA and Canada	CHPS GREENGUARD	Zero even after tinting	---	---	---	Low odor
Benjamin Moore Eco Spec WB Silver Interior paint	HPM Building Supply		X		USA and Canada	CHPS GREENGUARD	Zero even after tinting	---	---	---	Antimicrobial additives including pure elemental silver to provide a mildew-resistant coating
Benjamin Moore Natura Interior Paint	HPM Building Supply	X			USA and Canada	Green Seal (GS-11) MPI Green Performance CHPS GREENGUARD	Zero even after tinting	Low odor	---	---	---
Benjamin Moore Aura Interior Paint	HPM Building Supply	X			USA and Canada	CHPS GREENGUARD	< 48g/L (low VOC) after tinting	Low odor	---	---	---
Benjamin Moore Ben Interior Paint	HPM Building Supply		X		USA and Canada	CHPS GREENGUARD	<46 g/L (low VOC) after tinting	Low odor	---	---	---

09 00 00 FINISHES: PAINTING, COATING AND SEALANTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Benjamin Moore Waterborne Ceiling paint	HPM Building Supply	X			USA and Canada	---	<34 g/l (low VOC) after tinting	Low odor	---	---	---
KOSTER VAP I® 2000	KOSTER American Corporation				Aurich, Germany	LEED / U.S. Green Building Council	<10 g/l	---	KOSTER American Corporation certifies that the VOC (Volatile Organic Content) of VAP I® 2000 is <10 g/l and will therefore contribute toward LEED EQ Credit 4: Low Emitting Materials: Floor Sealants and Coatings.	Limited 15 Year Warranty	Meets ASTM F3010 with a perm rating of <0.1 Warranted with extended exposure to MVER up to 25 lbs/ 1000 sqft/24hr, RH levels of 100% and pH levels up to 14
KOSTER VAP I® 2000 FS	KOSTER American Corporation				Aurich, Germany	NSF	Zero VOC	---	KOSTER American Corporation certifies that the VOC (Volatile Organic Content) of VAP I® 2000 is zero VOC and will therefore contribute toward LEED EQ Credit 4: Low Emitting Materials: Floor Sealants and Coatings.	Limited 15 Year Warranty	Meets ASTM F3010 with a perm rating of <0.1 Warranted with extended exposure to MVER up to 25 lbs/ 1000 sqft/24hr, RH levels of 100% and pH levels up to 14
KOSTER VAP I® 2000 UFS	KOSTER American Corporation				Aurich, Germany	NSF	<10 g/l	---	KOSTER American Corporation certifies that the VOC (Volatile Organic Content) of VAP I® 2000 is <10 g/l and will therefore contribute toward LEED EQ Credit 4: Low Emitting Materials: Floor Sealants and Coatings.	Limited 15 Year Warranty	Meets ASTM F3010 with a perm rating of <0.1 Warranted with extended exposure to MVER up to 25 lbs/ 1000 sqft/24hr, RH levels of 100% and pH levels up to 14
KOSTER VAP I® 2000 Zero VOC	KOSTER American Corporation				Aurich, Germany	NSF	Zero VOC	---	KOSTER American Corporation certifies that the VOC (Volatile Organic Content) of VAP I® 2000 is zero VOC and will therefore contribute toward LEED EQ Credit 4: Low Emitting Materials: Floor Sealants and Coatings.	Limited 15 Year Warranty	Meets ASTM F3010 with a perm rating of <0.1 Warranted with extended exposure to MVER up to 25 lbs/ 1000 sqft/24hr, RH levels of 100% and pH levels up to 14
Metacrylics Extreme Weather Acrylic Elastomeric Coatings	Metacrylics	X			Gilroy, CA	ENERGY STAR, CRRC, ICC-ES, UL, US Green Building Council, Miami Dade County	27 grams per litre	---	Energy Efficient - Environmentally Friendly (water-based) - Sustainable & Renewable - Reduces Heat Island Affect - Reduces Landfill waste by preventing roof tear offs	5/30	Products can be applied over a variety of surfaces.
Metacrylics Extreme Weather Silicone Elastomeric Coatings	Metacrylics	X			Gilroy, CA	ENERGY STAR, CRRC, UL, US Green Building Council	< 10 Grams per litre	---	Energy Efficient - NSF - Sustainable & Renewable - Reduces Heat Island Affect - Reduces Landfill waste by preventing roof tear offs	10/20	Products can be applied over a variety of surfaces.

09 00 00 FINISHES: PAINTING, COATING AND SEALANTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Pitt-Glaze Precatalyzed WB Epoxy	PPG Paints	X			Various Mainland	-Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350	95 VOC g/L	---	-Single Component Formula reduces waste and lengthens storage capabilities *VOC Compliant in all Regulated Areas * Durability lengthens maintenance cycle	Dependent upon conditions/Availible upon Request	- Meets MPI #153 - Can earn LEED 2009 Credits Light Industrial Coating
Protectosil Anti Graffiti	Evonik Williams Pacific, Inc.		X		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	<20 g/l	None	No ingredient on Cal Prop 65	10 year labor and material warranty	Non- Sacrificial Anti-Graffiti system. Repels paint
Protectosil Aquatrete SG	Evonik Williams Pacific, Inc.		X		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	<20 g/l	None	No ingredient on Cal Prop 65	5 year labor and material warranty	Stain Guard and sacrificial Anti-Graffiti
Protectosil BHN+	Evonik Williams Pacific, Inc.		X		Mobile, AL	World Business Council for Sustainable Development (WBCSD)	400 g/l	None	No Ingredients on Cal Prop 65, nontoxic to aquatic life-test data available	20 years labor and material warranty available	Oleophobic additive for stain resistance
Pure Performance 100% Acrylic Premium Latex Eggshell	PPG Paints	X			Various Mainland	-Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350 -GreenGuard IAQ & GreenGuard Children & Schools	0 VOC g/L	---	- Low Emissions during cure. - Low Odor - ZERO Volatile Organic Compounds reducing smog	Dependent upon conditions/Availible upon Request	- Meets MPI #143, #143X-Green - Meets MPI Green Performance Standards GPS-1 & GPS-2 - Can earn LEED 2009 Credits
Pure Performance 100% Acrylic Premium Latex Flat	PPG Paints	X			Various Mainland	-Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350 -GreenGuard IAQ & GreenGuard Children & Schools	0 VOC g/L	---	- Low Emissions during cure. - Low Odor - ZERO Volatile Organic Compounds reducing smog	Dependent upon conditions/Availible upon Request	- Meets MPI #143, #143X-Green - Meets MPI Green Performance Standards GPS-1 & GPS-2 - Can earn LEED 2009 Credits

09 00 00 FINISHES: PAINTING, COATING AND SEALANTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Pure Performance 100% Acrylic Premium Latex Semi-Gloss	PPG Paints	X			Various Mainland	-Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350 '-GreenGuard IAQ & GreenGuard Children & Schools	0 VOC g/L	---	- Low Emissions during cure. - Low Odor - ZERO Volatile Organic Compounds reducing smog	Dependent upon conditions/Available upon Request	- Meets MPI #143, #143X-Green - Meets MPI Green Performance Standards GPS-1 & GPS-2 - Can earn LEED 2009 Credits
Pure Performance Zero VOC Interior Primer	PPG Paints	X			Various Mainland	- Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350 - GreenGuard IAQ & GreenGuard Children & Schools	0 VOC g/L	---	- Low Emissions during cure.	Dependent upon conditions/Available upon Request	- Meets MPI #50, #50X-Green
Pure Performance Zero VOC Interior Primer	PPG Paints	X			Various Mainland	-Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350 '-GreenGuard IAQ & GreenGuard Children & Schools	0 VOC g/L	---	- Low Emissions during cure. - Low Odor - ZERO Volatile Organic Compounds reducing smog	Dependent upon conditions/Available upon Request	- Meets MPI #143, #143X-Green - Meets MPI Green Performance Standards GPS-1 & GPS-2 - Can earn LEED 2009 Credits
Speedhide Zero Interior Zero VC Latex Eggshell	PPG Paints	X			Various Mainland	-Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350 '-GreenGuard IAQ & GreenGuard Children & Schools	0 VOC g/L	---	- Low Emissions during cure. - Low Odor - ZERO Volatile Organic Compounds reducing smog	Dependent upon conditions/Available upon Request	- Meets MPI #143, #143X-Green - Meets MPI Green Performance Standards GPS-1 & GPS-2 - Can earn LEED 2009 Credits
Speedhide Zero Interior Zero VC Latex Flat	PPG Paints	X			Various Mainland	-Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350 '-GreenGuard IAQ & GreenGuard Children & Schools	0 VOC g/L	---	- Low Emissions during cure. - Low Odor - ZERO Volatile Organic Compounds reducing smog	Dependent upon conditions/Available upon Request	- Meets MPI #143, #143X-Green - Meets MPI Green Performance Standards GPS-1 & GPS-2 - Can earn LEED 2009 Credits

09 00 00 FINISHES: PAINTING, COATING AND SEALANTS (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info	
	Company Name	IS	SO								OI
Speedhide Zero Interior Zero VC Latex Sealer	PPG Paints	X			Various Mainland	-Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350 -GreenGuard IAQ & GreenGuard Children & Schools	0 VOC g/L	---	- Low Emissions during cure. - Low Odor - ZERO Volatile Organic Compounds reducing smog	Dependent upon conditions/Available upon Request	- Meets MPI #143, #143X-Green - Meets MPI Green Performance Standards GPS-1 & GPS-2 - Can earn LEED 2009 Credits
Speedhide Zero Interior Zero VC Latex Semi-Gloss	PPG Paints	X			Various Mainland	-Collaborative for High Performance Schools (CHPS) Low-Emitting Material Criteria 01350 -GreenGuard IAQ & GreenGuard Children & Schools	0 VOC g/L	---	- Low Emissions during cure. - Low Odor - ZERO Volatile Organic Compounds reducing smog	Dependent upon conditions/Available upon Request	- Meets MPI #143, #143X-Green - Meets MPI Green Performance Standards GPS-1 & GPS-2 - Can earn LEED 2009 Credits
Zolatone Paint finish system	Master Coating		X		Eagan, MN	---	60 g/L	---	- Energy efficient - Water-based	-- / 15	- Environmentally responsible corporate practices - Packaging efficiency - Reflective requiring less lighting - USGBC member

SURFACING MATERIALS

Aluminum Foam Ultra-light building material	Foamtech Hawaii LLC		X		Seoul, South Korea	ATS - Recycled goods certification from S. Korea	Zero VOC	Non-toxic	- Rapidly renewable - Reused - Made from 97.2% post-consumer waste aluminum - Reusable - Recyclable	10 / 60+	- Thermal Conductivity 0.08-0.10 W/(m-K), - Noncombustible
Chemetal Metal laminate surfacing material	Architectural Surfaces Inc.		X		Easthampton, MA	---	---	---	- Can contain up to 85% recycled content - Recyclable	---	- Product is aluminum based which is 100% recyclable at the end of its life - Qualifies for LEED credits: LEED MR Credit 4, Recycled Materials
Samsung Staron solid surface	Pacific American Lumber	X	X		Honolulu, HI	Greenguard, NSF International	---	---			
Samsung Radianz Quartz	Pacific American Lumber	X	X		Honolulu, HI	Greenguard, NSF International	---	---		10	recycled content (select colors)
Neolith sintered surface	Pacific American Lumber	X	X		Honolulu, HI	Greenguard Gold, USGBC, European Commission	---	---	100% mineral based, 100% recyclable		no plastics, resins, petrochemicals; non-porous, UV and heat resistant

09 00 00 FINISHES: WALL FINISHES

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info	
	Company Name	IS	SO								OI
Duroplex Wall finish	Architectural Surfaces Inc.		X		Warwick, RI	SCS Indoor Advantage Gold	Low VOC base and Zero VOC pigments	---	- Biodegradable - Durable	10 / --	---
Final Forms Drywall Trims, Mullion Mate Partition closures, Light Coves	Gordon, Inc.	X			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOCs	None	Materials are made of metal, are recyclable, and contain recycled content	---	---
LONGBOARD	MAYNE COATINGS		X		CANADA	LEED	0%	UNCLASSIFIED	100% recyclable, option for exterior insulation, little to no maintenance, long lasting, and innovative design.	15 YEARS	http://longboardsuppliers.com/longboard-and-leed/
Nomad System 3D Temporary Partitions	MIO	X		X	Philadelphia USA	FSC	---	---	High Recycled content, Recyclable, Modular	Application dependent 3-5 years	---
PaperForms 3D Custom Wall Finish	MIO	X		X	Philadelphia USA	FSC	---	---	High Recycled content, Recyclable, Modular	Application dependent 3-5 years	---
PaperStone for surfaces, partitions, wall panels, etc.	Paneltech			X	Hoquiam, WA	FSC, NSF	Non-detect	None	Most products consist of 55% certified recycled paper and 45% Petro Free resin.	10 Warranty, life span indefinite	www.paperstoneproducts.com
Phillip Jeffries Wallpapers	Architectural Surfaces Inc.		X		Fairfield, NJ	---	---	---	- Rapidly renewable - Backed with 85-100% post-consumer recycled paper - Biodegradable - Recyclable	---	Natural biodegradable materials used
Symphony EcoView Wallcovering	Architectural Surfaces Inc.		X		South Hackensack, NJ	FSC	Low VOC	PVC	- 30% post-consumer recycled content - Printed on FSC certified paper - Recyclable	5 / --	- Recycles 2 million lbs of vinyl waste each year - Recycles 100% of printing inks - Recycles heat generated from compressors to heat facility in winter

10 00 00 SPECIALTIES

LOOK FOR PRODUCTS WITH:

- Energy efficiency
- Rapidly renewable materials
- Reusability
- Recyclability
- Biodegradable materials
- ENERGY STAR, Nordic Swan, or other third-party certifications For a full list of ENERGY STAR certified products:
http://www.energystar.gov/index.cfm?c=products.pr_find_es_products

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
WOOD BURNING STOVES AND ACCESSORIES											
Big Green Egg Ceramic cooker	Fireplace & Home Center	X			Tucker, GA	---	---	---	- Energy efficient - Rapidly renewable - Recyclable - Biodegradable	5 / --	---
EcoSmart Fire Burners using denatured alcohol	Fireplace & Home Center	X			Los Angeles, CA	---	---	---	- Energy efficient - Rapidly renewable - Recyclable	2 / --	---
Hearthstone Wood burning stoves	Fireplace & Home Center	X			Morrisville, VT	---	---	---	- Energy efficient - Rapidly renewable - Reusable - Recyclable - Biodegradable	5 / --	Green Energy / low carbon emissions: woodstoves utilize modern, low emission combustion technology to create carbon-neutral burning
Jotul Cast iron wood burning stove	Fireplace & Home Center	X			Gorham, ME	---	---	---	- Energy efficient - Rapidly renewable - Reused - Reusable - Recyclable	5 / --	Wood burning is CO2 neutral bioenergy
Morso Energy efficient wood stoves	Fireplace & Home Center	X			Portland, TN	---	---	---	- Energy efficient - Rapidly renewable - Reused - Reusable - Recyclable - Biodegradable	10 / --	98% recycled iron recycled packaging
Rais America Cast iron wood burning stove	Fireplace & Home Center	X			Bowling Green, KY	Nordic Swan Ecolabel	---	---	- Energy efficient - Rapidly renewable - Reused - Reusable - Recyclable	5 / --	---

11 00 00 EQUIPMENT

LOOK FOR PRODUCTS WITH:

- Energy efficiency
- Rapidly renewable materials
- Reusability
- Recyclability
- Biodegradable materials
- ENERGY STAR, Nordic Swan, or other third-party certifications For a full list of ENERGY STAR certified products: http://www.energystar.gov/index.cfm?c=products.pr_find_es_products

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
AcustiCel Security wall systems Lockdown and Cel-Line Security Ceilings	Gordon, Inc.	X			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOC	Non-toxic	Materials are made of metal, are recyclable, and contain recycled content	---	---

COMPACTOR

BigBelly Solar Compactor	GOC Technologies	X			USA	---	Virtually no VOC (powder coat painting)	- Lead-free - Chromium-free	- Energy efficient: uses solar power to compact trash - Diverts waste from landfill - 80% -100% Post-consumer recycled content (plastic) - Recyclable	---	- Reduces collection trips and can cut related fuel usage and GHG emissions by 80% - Qualifies for LEEED credits - Uses recycled cardboard and wooden pallet for packaging
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COMPOSTING EQUIPMENT

Amyntas Gracilis Earth Worms	Kokua Worms LLC		X		Honolulu, HI	---	---	---	Locally Sourced	---	-Earthworms till your soil, and are integral members of a healthy ecosystem, adding to healthy soil in varied ways
Basic Box Bin Worm Composting Habitat	Kokua Worms LLC	X			---	---	---	---	Recycling food scraps with Composting worms produces Worm Castings and "Leachate", which contain crucial nutrients and live organisms for healthy plant life.	---	Composting helps reduce the demand on landfills
Compost tea Liquid fertilizer	Kokua Worms LLC	X			Honolulu, HI	---	---	---	Brewed in-house with locally sourced vermicast, using "Growing Solutions" Catalyst in "Growing Solutions" Tea System	---	Liquid fertilizer for spray or soil drench application. Specialized air disk and catalyst produces high concentration of beneficial microbes.
Growing Solutions 10 Gallon Compost Tea System	Kokua Worms LLC		X		Eugene, OR	---	---	---	Biobased	---	Uses compost to make an organic alternative to chemical fertilizers
Growing Solutions Compost Tea Catalyst	Kokua Worms LLC	X			Eugene, OR	---	---	---	Biobased	---	- Mostly organic ingredients stimulate diverse microbial growth during aerated compost tea production - Uses compost to make an organic alternative to chemical fertilizers

11 00 00 EQUIPMENT : COMPOSTING EQUIPMENT (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Red Wigglers and Indian Blueworm Composting worms	Kokua Worms LLC	X			Honolulu, HI	---	---	---	Locally Sourced	---	Composting helps reduce the demand on landfills
Vermicast Plant Nourishment	Kokua Worms LLC	X			Honolulu, HI	---	---	---	Locally sourced worm casting	---	Natural, plant nourishment & beneficial microbes.
Worm Café Worm Composting Habitat	Kokua Worms LLC	X			Australia	---	---	---	Made from 100% recycled plastic	---	Composting helps reduce the demand on landfills
Worm HangOut Worm Composting Habitat	Kokua Worms LLC	X			CA	---	---	---	Biobased	---	Composting helps reduce the demand on landfills

12 00 00 FURNISHINGS

LOOK FOR PRODUCTS WITH:

- SCS or GREENGUARD Certification for optimal indoor air quality
- SFC Certification for sustainable furnishings
- Recyclability, Biodegradability, and/or Cradle to Cradle Certification for after useful life options
- Fabrics made from plant-based and/or organic materials and dyes
- Biobased stains and finishes
- Reclaimed, Reused, or Recycled content
- FSC or SFI Certified wood

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
American Plastic Lumber, Inc Outdoor Furniture & Site Amenities	American Plastic Lumber, Inc	X			Shingle Springs, CA	---	---	---	- Rapidly renewable - Reused - 95-100% recycled, +/- 65% post-consumer, 35% post-industrial (average) - Reusable - Recyclable	20 / 20+	- Non-toxic during manufacturing - Durable
Dwyer Modular Casework and Kitchens	Dwyer Products Corporation		X		Woodridge, IL	GREENGUARD Indoor Air Quality	< .05ppg	---	- Reused - 30-75% post-consumer recycled content - Reusable - Recyclable	10-25 years	Aluminum , Stainless Steel, and Paintlok Steel cabinets for housing, dorms, and hospitals
Eco Tech-Shade	Skyco Shading Systems, Inc.		X		Santa Ana, CA	Cradle to Cradle	Low VOC	Fiberglass-reinforced resin PBT	Manual operation- energy free; Recyclable Aluminum roller tube and fascia (also contains recycled content) Recycled fabric also ade from recycled materials	5-10 years	PVC Free
EnviroScreen G2	Skyco Shading Systems, Inc.		X		Santa Ana, CA	---	Low VOC	Fiberglass-reinforced resin PBT	Manual operation- energy free; Recyclable Aluminum roller tube and fascia (also contains recycled content) Recycled fabric also made from recycled materials	5-10 years	- High reflectivity - 100% Recyclable Fabric - PVC Free - Solar control backing
Honolulu Furniture Company Eco friendly furniture	Honolulu Furniture Company	X			HI	---	---	---	- Reused - Soy-based stains and finishes - 100% reclaimed materials - Reusable - Recyclable	---	Solar control/heat reduction; Daylighting
Hunter Douglas Selected Window Treatment	Window World, Inc.		X		USA	GREENGUARD Certified Gold	Zero VOC	---	-100% Recyclable -PVC Free	Limited Lifetime Warranty	---
Mecho Shade Ecoveil Screens & Naturals	Window World, Inc.		X		USA	GREENGUARD Certified Gold	Zero VOC	---	-100% Recyclable -PVC Free	25-Limited Warranty	---

12 00 00 FURNISHINGS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Mermet Selected Fabric	Window World, Inc.		X		USA	GREENGUARD Certified Gold	Zero VOC	---	- 100% Recyclable - RoHS Compliant - PVC Free	10-Interior	---
Phifer Sheerweave Selected Fabric	Window World, Inc.		X		USA	GREENGUARD Certified Gold	Zero VOC	---	-100% Recyclable -Phthalate-Free -RoHS Compliant	10-Interior; 5-Exterior	---
Pretense Decorative canopies	Norton Industries, Inc.		X		Lakewood, OH	---	---	---	Recyclable	1 / 10	---
RetroSolar	Skyco Shading Systems, Inc.		X		Santa Ana, CA	---	Low VOC	Aluminum	Manual operation- energy free; Recyclable Aluminum (also contains recycled content) Environmentally Stable product	5-10 years	Solar control/heat reduction; Daylighting; 100% Recyclable
Springs Window Fashion Selected Graber & Bali Window Treatments	Window World, Inc.		X		USA	GREENGUARD Certified Gold	Zero VOC	---	-100% Recyclable -PVC Free	Limited Lifetime Warranty	---
Truly Renewable Upholstered Lounge Seating	Putter Furniture Transformations Furniture		X		Harlan, IN	---	---	---	- Renewable - Reusable	35 / 35+	- Engineered to be easily reupholstered onsite - Damage and decor changes can be solved without filling landfills with furniture - Member of Northeast Indiana Sustainable Business Council
Vertilux Selected Fabric	Window World, Inc.		X		USA	GREENGUARD Certified Gold	Zero VOC	---	-100% Recyclable -PVC Free -LEAD Free	Limited Warranty	---

13 00 00 SPECIAL CONSTRUCTION

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Secondary Structural	Butler Manufacturing	X			Visalia, CA	---	Zero VOC	---	70% recycled content	3 yr std warranty, upgrade to 5	Will contribute to LEED certification
Cleanroom ceilings DS, WG, FG, WS systems	Gordon, Inc.	X			---	PE International LCA, UL Environment Certified EPD for all aluminum and steel products	Zero VOC	Non-toxic	Materials are made of metal, are recyclable, and contain recycled content	---	---
ChlorKing Sentry UV UV pool filter	Island Pool and Spa Supply	X			---	---	---	---	Reduces the amount of chlorine needed in pools by as much as 50%	---	---
ItelliFlo VF Intelligent variable flow pump	Island Pool and Spa Supply	X			---	---	---	---	- Energy efficient: super-efficient permanent magnet motors reduces energy use by 30% compared to induction motors - Operates at an average of 1/10th a horsepower	---	The product carries a Eco Select logo: manufacture's mark for eco-friendly pool products
QuietGlue Pro	PABCO Gypsum	X			Newark, CA	---	<0.1 g/L VOC	---	---	1 / life of bldg	---

14 00 00 CONVEYING EQUIPMENT

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Elevator	Otis Elevator Company		X		Bloomington IN	---	---	---	- Energy efficient - Recyclable	1 / 25-30	---

22 00 00 PLUMBING

LOOK FOR PRODUCTS WITH:

- Water efficiency and/or Water Sense Certification
For a full list of Water Sense certified products:
http://www.epa.gov/WaterSense/product_search.html
- Energy efficiency and/or ENERGY STAR Certification
For a full list of ENERGY STAR certified products:
http://www.energystar.gov/index.cfm?c=products.pr_find_es_products
- Recycled content
- Recyclability

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
PLUMBING FIXTURES: TOILETS, FAUCETS, SHOWERHEADS											
American Standard Bathroom Faucet	HPM Building Supply		X		---	WaterSense	---	---	Water Efficient	Limited Lifetime / --	Meets American Disabilities Act Guidelines and ANSI A117.1 requirements for the physically challenged
American Standard H2Option Toilet	HPM Building Supply		X		---	WaterSense	---	---	Water conserving, with 2 flushing options: low consumption: full flush (6.0 Lpf/1.6 gpf), partial flush (3.8 Lpf/1.0 gpf)	Limited / 5	---
American Standard FloWise Toilet	HPM Building Supply	X			---	WaterSense	---	---	Water conserving: meets definition for HET (High Efficiency Toilet) 1.28 gpf/4.8 Lpf; uses 20% less water	10 / --	---
Waterless Co. Inc. Waterless Urinals	JM Sales Hawaii Waterless Co. Inc	X			Vista, CA	WaterSense	---	---	- Water Conserving: can save up to 45,000 gallons per year	3/10	- Qualifies for LEED credits: WE 2.0 Innovative Waste Water Technologies, WE 3.1: Water Use Reduction: 20% WE3.2: Water Use Reduction: 30%
PLUMBING EQUIPMENT: WATER HEATERS AND SOFTENERS											
Bradford White Water Heaters eF Series	Ferguson Enterprise Inc	X			---	---	---	---	- Energy efficient: thermal efficiency ratings up to 99.1% - Enhanced IEQ: quiet operation	---	---
Eemax Tankless heaters	Ferguson Enterprise Inc	X			USA	ENERGY STAR	Zero VOC	Non-Toxic	-Tankless electric heaters	1-5 Years	---
RePVC PVC DWV pipe	Charlotte Pipe and Foundry Company, Central Supply		X		Monroe, NC	NSF	Zero VOC	Non-Toxic	- Minimum 30% post-industrial content - Recyclable	5 / 50+	---
ReUze CPVC Piping System	Charlotte Pipe and Foundry Company, Central Supply		X		Monroe, NC	NSF	Zero VOC	Non-Toxic	- Water conserving - Recyclable	10 / 50+	---

22 00 00 PLUMBING: WATER HEATERS AND SOFTENERS

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Rinnai Tankless Heaters	Ferguson Enterprise Inc	X			Japan	ENERGY STAR	Zero VOC	Non-Toxic	82%-98% energy efficient tankless heaters	5-12 years	---
Stiebel Eltron Heat Pumps	Ferguson Enterprise Inc	X			Germany	ENERGY STAR	Zero VOC	Non-Toxic	80 gallon heat pumps	5-10 years	---
PLUMBING ACCESSORIES, COMPONENTS, PIPE											
Cast Iron Plumbing components	Charlotte Pipe and Foundry Company Central Supply	X			Charlotte, NC	NSF	Zero VOC	Lead	- 100% post-consumer content - Recyclable	5 / 100+	- Cast iron is a rigid material that does not depend on side fill for support which results in less site disturbance, soil erosion, waterway sedimentation and airborne dust generation - Products meet CISPI standard (Cast Iron Soil Pipe Institute)
Certainteed Form-A-Drain Drainage system	HPM Building Supply		X		USA	---	---	Does not emit harmful chemicals	- 92% Recycled content - Lineals are made from 100% recycled PVC	10 / --	- USGBC member - Has an environmental management system
Fluidmaster Leak Sentry Toilet Fill Valve	City Mill Grainger	X			Mexico	---	---	---	Water conserving	5 / --	Detects leaks and controlled bowl refill
Hydroclean Anti-Siphon Toilet Fill Valve	City Mill Grainger	X			China	---	---	---	Water conserving	5 / --	Detects leaks and controlled bowl refill
Hydroright Dual-Flush Conversion Kit	City Mill Grainger	X			China	---	---	---	- Water conserving: converts any size toilet to Dual-Flush system to save water; quick flush can save up to 70% water - Energy efficient	5 / --	---
KNAUF Earthwool 1000° Pipe Insulation	Admor HVAC Products	X			Shelbyville, IN	UL Environment's GREENGUARD, GREENGUARD Gold, EPD, ILFI's Declare	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer - Recycled Content - Formaldehyde Free	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF KwikFlex Pipe and Tank Insulation	Admor HVAC Products	X			Shelbyville, IN	UL Environment's GREENGUARD, GREENGUARD Gold, EPD, ILFI's Declare	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer - Recycled Content - Formaldehyde Free	1 year warranty	http://www.knaufinsulation.us/sustainability

22 00 00 PLUMBING: PLUMBING ACCESSORIES, COMPONENTS, PIPE (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
KNAUF KwikFlex Pipe and Tank Insulation	Admor HVAC Products	X			Shelbyville, IN	UL Environment's GREENGUARD, GREENGUARD Gold, EPD, ILFI's Declare	0.22 mg/m	---	<ul style="list-style-type: none"> - Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer - Recycled Content - Formaldehyde Free 	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF Pipe and Tank Insulation	Admor HVAC Products		X		Shelbyville, IN	UL Environment's GREENGUARD, GREENGUARD Gold, EPD, ILFI's Declare	0.22 mg/m	---	<ul style="list-style-type: none"> - Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer - Recycled Content - Formaldehyde Free 	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF Redi-Klad 1000° Pipe Insulation	Admor HVAC Products		X		Shelbyville, IN	UL Environment's GREENGUARD, GREENGUARD Gold, EPD, ILFI's Declare	0.22 mg/m	---	<ul style="list-style-type: none"> - Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer - Recycled Content - Formaldehyde Free 	1 year warranty	http://www.knaufinsulation.us/sustainability

23 00 00 HEATING VENTILATION AND AIR CONDITIONING (HVAC)

LOOK FOR PRODUCTS WITH:

- Energy efficiency and/or ENERGY STAR Certification
- For a full list of ENERGY STAR certified products:
http://www.energystar.gov/index.cfm?c=products.pr_find_es_products
- Uses renewable energy
- Reclaimed, reused, or recycled materials
- Recyclability

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Climatekologies Solar Powered Air Conditioner	Greenpath Technologies Inc	X			China	ENERGY STAR/ETL/AHRI	---	---	Energy Efficient: SEER 35 advanced Hybrid Split-system A/C powered directly (no inverter required thus eliminating loss of efficiency) by the sun for minimal impact on the environment harnessing up to 90% renewable solar energy during peak sun hours. ECO-MODE lowers power draw for additional power savings.	3/5/15	Multi-mode Operation, Can be grid-tied or stand-alone - Qualifies for 30% federal credit and 35% state credit on the PV portion only
Curb Mount Attached Solar Attic Fan 20 Watt or 25 Watt	Attic Breeze, LLC	X			Gatesville, TX	Texas Department of Insurance (TDI) Florida State (FBC) Product Certification Both for Wind storm approval certifications	Zero VOC	...	...	Residential: Lifetime Commercial: 25 years	-Available in black, brown, gray, terra cotta, and white. -USA Manufactured within a plant that draws the majority of its energy needs from its installed solar panels
Curb Mount Detached Solar Attic Fan 20 Watt, 25 Watt, or 60 Watt	Attic Breeze, LLC	X			Gatesville, TX	Texas Department of Insurance (TDI) Florida State (FBC) Product Certification Both for Wind storm approval certifications	Zero VOC	...	...	Residential: Lifetime Commercial: 25 years	-Available in black, brown, gray, terra-cotta and white. -USA Manufactured within a plant that draws the majority of its energy needs from its installed solar panels
Gable Mount Solar Attic Fan 20 Watt, 25 Watt, or 60 Watt	Attic Breeze, LLC	X			Gatesville, TX	Texas Department of Insurance (TDI) Florida State (FBC) Product Certification Both for Wind storm approval certifications	Zero VOC	...	...	Residential: Lifetime Commercial: 25 years	-USA Manufactured within a plant that draws the majority of its energy needs from its installed solar panels
Hunter Ceiling fans	City Mill	X			---	ENERGY STAR	---	---	Energy efficient	lifetime / --	- Comes with CFL lamp and fixture - Can save up to 47% on cooling costs

23 00 00 HEATING VENTILATION AND AIR CONDITIONING (HVAC) (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
KNAUF Eclipse Air Duct Board	Admor HVAC Products	X			Shelbyville, IN	UL Environment's GREENGUARD, GREENGUARD Gold, and Recycled Content	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF Friendly Feel Duct Wrap	Admor HVAC Products	X			Shelbyville, IN	UL Environment's GREENGUARD, GREENGUARD Gold, Recycled Content, and Formaldehyde Free	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF Insulation Board	Admor HVAC Products	X			Shelbyville, IN	UL Environment's GREENGUARD, GREENGUARD Gold, Recycled Content, and Formaldehyde Free	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF Rigid Plenum Liner	Admor HVAC Products	X			Shelbyville, IN	UL Environment's GREENGUARD, GREENGUARD Gold, and Recycled Content	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content	1 year warranty	http://www.knaufinsulation.us/sustainability
KNAUF Sonic XP Duct Liner	Admor HVAC Products	X			Shelbyville, IN	UL Environment's GREENGUARD, GREENGUARD Gold, and Recycled Content	0.22 mg/m	---	- Energy efficient - Rapidly renewable - Reused - Biobased binder - Minimum 45% post-consumer recycled content	1 year warranty	http://www.knaufinsulation.us/sustainability
Litex Ceiling fans	City Mill	X			USA	ENERGY STAR	---	---	Energy efficient	---	Energy efficient air movement ceiling fans
Longboard Aluminum soffit and siding	Mayne Coatings		X		Canada	LEED	Zero VOC	---	100% recyclable, option for exterior insulation, little to no maintenance, long lasting, and innovative design.	15 Years	http://longboardsuppliers.com/longboard-and-lead/
MicroGuard HVAC/R Coil & Fin Clear Protective Treatment	GP Maintenance Solutions	X			Daytona Beach, FL	---	---	---	-Energy efficient, you could save 15% or more in energy costs	5 / 5-10	---

23 00 00 HEATING VENTILATION AND AIR CONDITIONING (HVAC) (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Mitsubishi Electric Air Conditioning	A.C. WAREHOUSE, INC.	X			Lawrenceville, GA	ENERGY STAR EPA	---	---	- Energy efficient - Recyclable	7 / 15	Inverter compressor and motors are energy efficient
Nailor Industries Engineered Comfort Fan coil units	DMG Hawaii		X		Houston, TX	---	---	---	-Energy efficient	15-20 / --	---
Self-Flashing Attached Solar Attic Fan 20 Watt or 25 Watt	Attic Breeze, LLC	X			Gatesville, TX	Texas Department of Insurance (TDI) Florida State (FBC) Product Certification Both for Wind storm approval certifications	Zero VOC	...	...	Residential: Lifetime Commercial: 25 years	-Available in black, brown, gray, terra-cotta and white. -USA Manufactured within a plant that draws the majority of its energy needs from its installed solar panels
Self-Flashing Detached Solar Attic Fan 20 Watt, 25 Watt, or 60 Watt	Attic Breeze, LLC	X			Gatesville, TX	Texas Department of Insurance (TDI) Florida State (FBC) Product Certification Both for Wind storm approval certifications	Zero VOC	...	...	Residential: Lifetime Commercial: 25 years	-Available in black, brown, gray, terra-cotta and white. -USA Manufactured within a plant that draws the majority of its energy needs from its installed solar panels
Solar Attic Fans	Hawaii Skylights & Solar Fans	X			Vista, CA	ENERGY STAR	---	---	-Energy efficient - Recyclable	10 / 30	- Solar attic fans cool homes & business - Qualifies for 30% Federal Tax Credit
Tower Tech Cooling Towers	Carrier Hawaii		X		Oklahoma City, OK	---	---	---	-Energy efficient -Water conserving	15 / 35-50	---
Wall Mount Solar Attic Fan 20 Watt, 25 Watt, or 60 Watt	Attic Breeze, LLC	X			Gatesville, TX	Texas Department of Insurance (TDI) Florida State (FBC) Product Certification Both for Wind storm approval certifications	Zero VOC	...	...	Residential: Lifetime Commercial: 25 years	-USA Manufactured within a plant that draws the majority of its energy needs from its installed solar panels
Westinghouse Ceiling fans	HPM Building Supply	X			---	ENERGY STAR	---	---	Energy efficient	---	ENERGY STAR partner

26 00 00 ELECTRICAL

LOOK FOR PRODUCTS WITH:

- Energy efficiency and/or ENERGY STAR Certification
For a full list of ENERGY STAR certified products:
http://www.energystar.gov/index.cfm?c=products.pr_find_es_products
- Uses renewable energy
- Lead and Mercury free light bulbs
- Electronic controls that help monitor and conserve energy usage

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
ELECTRICAL SYSTEMS AND ACCESSORIES											
Lutron Skylark Eco-dim Light Dimmer	Home Depot City Mill	X			---	---	---	---	Energy efficient	1 / -	- Saves at least 35% energy over non-controlled lamp - Bulbs last at least 4X longer
LIGHTING											
Aviation & Marine Solar Lanterns Solar lighting for airfields, marinas, buoys, docks	Goldwings Supply Service, Inc.		X		Houston, TX	---	Zero VOC	AGM sealed lead acid batteries	Energy efficient	1 yr battery, 3 yr product / 10	- Low light pollution - Complies with the following standards for safety, quality and non-obstruction of aviation taxiway: CSA, CE, FCC, ICAO, FAA, NEMA 250, IEC 60529 (IP) Military Environmental Testing Explosive Atmosphere MIL-STD-810G, METHOD 511.3
Bendant Lamp	MIO	X		X	Philadelphia USA	---	---	---	Recyclable and flat packed	Depends on application(3-5 years)	---
BetaLED LEDway Streetlights	AL&E		X		---	---	---	Mercury-free	- Energy efficient - 20-25% post-consumer recycled content (aluminum castings and extrusions) - 70% of aluminum castings and extrusions are readily recyclable - Durable, therefore diverts waste from landfill	---	- Controls light pollution: International Dark Sky Association guidelines compliant - RoHS compliant - Corrugated packaging is 100% recyclable
Carmanah General Illumination Solar Lights Solar lighting for parking, security	Goldwings Supply Service, Inc.		X		Houston, TX	---	Zero VOC	AGM sealed lead acid batteries	Energy efficient	1 yr battery, 3 yr product / 10	- Low light pollution - Complies with the following standards for safety, quality and non-obstruction of aviation taxiway: CSA, CE, FCC, ICAO, FAA, NEMA 250, IEC 60529 (IP) Military Environmental Testing Explosive Atmosphere MIL-STD-810G, METHOD 511.3

26 00 00 ELECTRICAL : LIGHTING (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
ELECTRICAL SYSTEMS AND ACCESSORIES											
Designers Edge Solar shed lights	City Mill	X			Seattle, WA	---	---	---	- Renewable energy - Energy efficient LED lamps	100,000 hour LED lamp / --	Uses solar power stored in rechargeable batteries to illuminate enclosed spaces
Feit CFL Light Bulbs	City Mill	X			USA or China	ENERGY STAR	---	---	Energy efficient	-- / 8-10 yrs	Uses 75% less energy than incandescent bulbs
Feit LED Light Bulbs	City Mill	X			USA or China	RoHS (some models)	---	Mercury-free	Energy efficient	-- / 20 yrs	Up to 90% more energy efficient than incandescent bulbs
IPL Solar Parking Lot Light	Solar Bollards		X		USA	USGBC, ROHS,	---	---	Solar powered, compact, fully shielded lighting, LED optics, recyclable battery.	3 / 17+	ROI at purchase. No trenching, electrical.
Northern International Solar landscape lighting	City Mill	X			China	---	---	---	- Renewable energy source - Energy efficient: LED bulb for longer life	---	Uses renewable energy from the sun to illuminate landscape, lowering energy costs
Orion Solar Bollard Bollard for marker lighting	Goldwings Supply Service, Inc.	X			Houston, TX	RoHS	---	Batteries are AGM sealed lead acid	- Energy efficient - Rapidly renewable - Solar powered - Recyclable	1 yr battery, 3 yr product, 10 yr bollard / 10	- Low light pollution - Complies with the following standards for safety, quality and non-obstruction of aviation taxiway: CSA, CE, FCC, ICAO, FAA, NEMA 250, IEC 60529 (IP) Military Environmental Testing Explosive Atmosphere MIL-STD-810G, METHOD 511.3
PLB Solar powered Pathway Light	Solar Bollards	X			USA	USGBC, ROHS,	---	---	Solar powered, compact, fully shielded lighting, LED optics, recyclable battery, turtle certified.	3 / 10-12	ROI at purchase. No trenching, electrical.
Progress Lighting Ceiling fans with light	HPM Building Supply	X			USA	ENERGY STAR	---	---	Energy efficient	---	Environmentally responsible corporate practices: LEED certified headquarters building
Progress Lighting Exit signs	HPM Building Supply		X		USA	ENERGY STAR	---	---	Energy efficient	---	Environmentally responsible corporate practices: LEED certified headquarters building
Progress Lighting Indoor lighting fixtures	HPM Building Supply	X			USA	ENERGY STAR	---	---	Energy efficient	---	Environmentally responsible corporate practices: LEED certified headquarters building

26 00 00 ELECTRICAL : LIGHTING (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
ELECTRICAL SYSTEMS AND ACCESSORIES											
SCL Solar Parking Lot Light	Solar Bollards		X		USA	USGBC, ROHS,	---	---	Solar powered, compact, fully shielded lighting, LED optics, recyclable battery.	3 / 17+	ROI at purchase. No trenching, electrical.
Solar MAC	Solar Bollards		X		USA	USGBC, ROHS, FSC	---	---	Sola powered, compact, fully shielded lighting, LED optics, recyclable battery, Accoya sustainable wood.	3 / 10-25+	ROI at purchase. No trenching, electrical. Use of Accoya wood, 20+ years insect proof.
Sylvania Lighting timers	City Mill	X			USA and Canada	---	---	---	Promotes energy conservation	1 / --	Manages power to operate at hours when required
Westinghouse LED Light bulbs	HPM Building Supply	X			USA	ENERGY STAR	---	Lead and mercury-free	- Recyclable - Energy efficient	-- / 50,000 hour lamp life	Can save up to 90% energy compared to similar lumen incandescent lamps
Westinghouse Lighting fixtures: indoor	HPM Building Supply	X			USA	ENERGY STAR	---	---	Energy efficient	---	ENERGY STAR partner
Westinghouse Lighting fixtures: outdoor	HPM Building Supply	X			USA	ENERGY STAR	---	---	Energy efficient	---	ENERGY STAR partner
WLB Solar Powered Light	Solar Bollards		X		USA	USGBC, ROHS,	---	---	Solar powered, compact, fully shielded lighting, LED optics, recyclable battery.	3 / 10-12	ROI at purchase. No trenching, electrical.

31 00 00 EARTHWORK

LOOK FOR PRODUCTS WITH:
- No toxic chemical usage

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info	
	Company Name	IS	SO								OI
TERMITE AND PEST CONTROL											
Polesock Termite barrier	Termimesh Hawaii, Inc.	X			Honolulu, HI	---	---	---	Recyclable	5 / --	- Termite barrier for wooden poles/wooden utility poles - Eliminates pesticide use
Termimesh Termite Barrier, Termite Control	Termimesh Hawaii, Inc.	X			Honolulu, HI	---	---	---	Recyclable	10 / --	Eliminate the use of chemical pesticides

32 00 00 EXTERIOR IMPROVEMENTS

LOOK FOR PRODUCTS WITH:

- Biobased and Organic landscaping materials with OMRI Certification
- Energy efficiency and/or ENERGY STAR Certification
- For a full list of ENERGY STAR certified products:
http://www.energystar.gov/index.cfm?c=products.pr_find_es_products
- Rapidly renewable materials
- Reclaimed, Reused, or Recycled content
- Biodegradability and/or Recyclability
- Water efficiency

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
LANDSCAPING PRODUCTS AND MAINTENANCE											
American Plastic Lumber Park & Recreation Products	American Plastic Lumber, Inc		X		USA	---	---	---	- Rapidly renewable - Reused - Up to 100% recycled, +/- 65% post consumer, 35% post industrial (average) - Reusable - Recyclable	20-50 / 20-50+	- Non-toxic during manufacturing and in the environment - Durable
Island Supreme Chicken Manure Organic	City Mill	X			---	---	---	---	-Biobased	---	- Organic chicken manure - Composed of pellets which limits dust particles
Miracle-Gro Organic plant care products	City Mill	X			---	---	---	---	-Biobased	---	100% organic content
Filtrexx Sediment Control Mesh Containment System for Sediment Control or BMP	GP Roadway Solutions	X			Honolulu, HI	---	Zero VOC	---	- Rapidly renewable - Reused - Biodegradable - Reusable	--- / 1-2	- Inlet pollution protection perimeter and sediment control ideal BMP - Inspected by National Pollutant Discharge Elimination System (NPDES)
Ultra Drain Guard Catch Basin Insert	GP Roadway Solutions	X			Jacksonville, FL	---	---	---	- Rapidly renewable - Reused - Biodegradable - Reusable	---	- Exceeds 80% sediment removal efficiency - BMP (Best Management Practices) - SWPPP (Stormwater Pollution Prevention Plans)
Ultra-Curb Guard	GP Roadway Solutions	X			Jacksonville, FL	---	---	---	- Protect curb inlets from sediment laden stormwater runoff	---	---
Ultra-Gutter Guard	GP Roadway Solutions	X			Jacksonville, FL	---	---	---	- Made of 100% recycled materials - Helps comply with NPDES, 40 CFR 122.26 (1999)	---	---

32 00 00 EXTERIOR IMPROVEMENTS : LANDSCAPING PRODUCTS AND MAINTENANCE (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Aina Mo' Soil amendment, Fertilizer	Pacific Biodiesel Technologies		X		Hawaii Island	---	Low VOC	---	- Locally produced from biodiesel production by-products - Proven environmentally safe	---	- Also acts as a snail inhibitor - Proven to significantly increase taro crop yield
Tropical Aglime	TILECO INC	X			Kapolei HI	---	Zero VOC	---	Locally used aggregate - Calcium Carbonate - Organic and mixed into soil	---	-Biproduct from recovered material in manufacturing process - Soil amendment to alter the pH levels of the soil and to make nutrients available to plants - Used by farmers and homeowners. - (CPG) Comprehensive Procurement Guidelines

PAVING AND SAFETY PRODUCTS

AZEK PAVERS	AZEK		X		U.S.A.	LEED	Zero VOC	---	Closed loop recycling system, great for green roofs, low maintenance, durable, and easy to install.	10 years	http://www.azek.com/products/pavers/
Class F Fly Ash Mineral admixture to concrete mix	Hawaiian Cement	X			China	---	---	Trace metals	Conserves resources	---	By-product of coal combustion in power plants: substituting fly ash for Portland cement lowers demand for virgin resources
Grasspave2 Porous paving	Exacta Sales, Inc.	X			Golden, CO	---	Zero VOC	---	Recyclable	5 / 45-60	Reduces heat island effect
Gravelpave2 Porous paving	Exacta Sales, Inc.	X			Golden, CO	---	Zero VOC	---	Recyclable	5 / 45-60	Reduces heat island effect

EARTHWORK

46 00 00 WATER & WASTEWATER EQUIPMENT

LOOK FOR PRODUCTS WITH:

- Energy efficiency
- Water efficiency
- Biodegradability and/or Recyclability

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
ESIS Aerobic Treatment Unit Onsite Wastewater Treatment System	Environmental Waste Management Systems, INC.	X			Waimanalo, HI	---	---	PVC	- Reusable - Environmentally safe treatment of wastewater	1 / 50+	- Wastewater: National Sanitation Foundation Standard No. 40 Class 1 Effluent Criteria - Secondary treatment quality effluent - Chlorine disinfection - Approved for use by the State of Hawaii Department of Health Wastewater Branch

48 00 00 ELECTRICAL POWER GENERATION: SOLAR ENERGY PRODUCTS

LOOK FOR PRODUCTS WITH:

- Renewable energy
 - Energy efficiency and/or ENERGY STAR Certification
- For a full list of ENERGY STAR certified products:
http://www.energystar.gov/index.cfm?c=products.pr_find_es_products
- Durability
 - Recyclability

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Advacned Energy Photovoltaic Inverters Solar Power Systems	Island Pacific Energy LLC	X			Various Locations	LEED	---	---	- Energy efficient - Renewable Energy - Recyclable - Solar power generation	25 / 40+	- Clean Energy - Member of Hawaii Solar Energy Association (HSEA)
AUO Green Triplex PM250M00	Poncho's Solar Service	X			Taiwan				- Solar power generation	5/25	- Member of Hawaii solar Energy Association - Superior performance in weak light conditions
Bergey 10kW Wind Turbine	Blue Pacific Energy LLC		X		Oklahoma	---	---	---	Reliable turbine, Energy from the Wind	10 years	---
Clima-Teknologies Solar Air Conditioner SEER 35	Poncho's Solar Service	X			China	Energy Star			- Energy efficient - Utilize up to 90% PV power during peak hours	1 yr parts/3 yr compressor	- Member of Hawaii Solar Energy Association - Can accept DC directly from panels - Designed for hybrid operation
Eddy GT Urban Green Energy Wind Turbine Vertical Axis Wind Turbine	Blue Pacific Energy LLC		X		New York, NY	---	---	---	Recyclable	5 / 20	- Renewable Energy

48 00 00 ELECTRICAL POWER GENERATION: SOLAR ENERGY PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Enphase Photovoltaic Inverters Solar Power Systems	Island Pacific Energy LLC	X			Various Locations	LEED	---	---	- Energy efficient - Renewable Energy - Recyclable - Solar power generation	25 / 40+	- Clean Energy - Member of Hawaii Solar Energy Association (HSEA)
Enphase M250 Microinverter	Poncho's Solar Service	X			USA				- Energy efficient - Maximizes energy production	25/-	- Member of Hawaii Solar Energy Association - No Ground Electrode Conductor required - Optimized for higher-power modules
Enphase Micro Inverters Micro Inverters	Blue Pacific Energy LLC	X			California	---	---	---	Solar PV Micro Inverter increases energy production	25 years	---
EPK (Emergency Power Kit) 225W Battery storage & solar power	Greenpath Technologies Inc	X	X	---	HI / China	MIL-STD-810G	---	---	Energy Efficient: EPK charges from 110W STORM solar PV module (included) or 120VAC. 2,000 + life cycles for total system stored power of 225W/20A. Includes highly efficient LED light	1 Yr/20+	EPK can charge up to 40 cells phones on a full charge. Built-in USB and 12VDC outlets, total system weight 28lbs.
ET Solar Photovoltaic Modules Solar Power Systems	Island Pacific Energy LLC	X			Various Locations	LEED	---	---	- Energy efficient - Renewable Energy - Recyclable - Solar power generation	25 / 40+	- Clean Energy - Member of Hawaii Solar Energy Association (HSEA)
Inovus Solar Off-Grid Solar Lights Parking/Street/Area Lighting System	Inovus Solar, Inc.			X	Boise, ID	International Dark Sky Association; UL; IESNA; NRTL	---	Lithium Iron Phosphate batteries (LFP) not hazardous material	- Renewable energy: solar - Energy efficient: LED lamps - Durable: 15 year lifespan for LED lamps	Full 10 year system warranty that includes LFP battery replacement. LFP batteries have 12-15 lifespan	- Eliminates the need for grid-based electricity - Qualifies for tax incentives - Eligible for LEED credits - LED's and intelligent controls can save up to 75% on energy consumption over standard luminaires
LG Photovoltaic Modules Solar Power Systems	Island Pacific Energy LLC	X			Various Locations	LEED	---	---	- Energy efficient - Renewable Energy - Recyclable - Solar power generation	25 / 40+	- Clean Energy - Member of Hawaii Solar Energy Association (HSEA)
Northern Power 100kW Wind Turbine	Blue Pacific Energy LLC		X		Barre, VT	---	---	---	Recyclable	5 / 20	- Renewable Energy

48 00 00 ELECTRICAL POWER GENERATION: SOLAR ENERGY PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
OutBack Solar Inverters Solar Inverter	Blue Pacific Energy LLC	X			Washington	---	---	---	Off Grid/ Battery Backup Inverter Systems	5 years	---
PPS (Portable Power Solutions) 2.5kW Battery storage & solar power	Greenpath Technologies Inc	X	X	---	HI / China	MIL-STD-810G	---	---	Energy Efficient: PPS is a solar-centric mobile solar charging and storage system for rapid charging with a 2.5kW/100Ah battery storage capacity and 2000+ life cycles. System can be used as a self-sufficient independent recharging power station when charging 100% from the 100W STORM solar modules with zero impact to the environment during both system charging and power output for loads.	---	System can be charged from multiple power sources including PV panels, 120VAC/240VAC electrical outlets, and 12/24VDC sources.
Skystream Wind Turbine	Blue Pacific Energy LLC		X		Oregon	---	---	---	Recyclable	5 / 20	- Renewable Energy
SMA Photovoltaic Inverters Solar Power Systems	Island Pacific Energy LLC	X			Various Locations	LEED	---	---	- Energy efficient - Renewable Energy - Recyclable - Solar power generation	25 / 40+	- Clean Energy - Member of Hawaii Solar Energy Association (HSEA)
Solar Attic Fan	Poncho's Solar Service	X			USA				- Energy efficient - Reduces air conditioner load	25/-	- Member of Hawaii Solar Energy Association - Model types can vent between 2000-2500 sq ft
Solar Panel	Island Pool and Spa Supply	X			Fafco Sun saver	SRCC/ Florida Solar Energy Center/ ENERGY STAR Rated	---	---	Solar Pool Water Heater	12/25 years	www.fafco.com

48 00 00 ELECTRICAL POWER GENERATION: SOLAR ENERGY PRODUCTS (con.t)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
STORM SOLAR MODULES Folding photovoltaic solar panels	Greenpath Technologies Inc		X		HI	MIL-STD-810G	---	---	Energy Efficient: high efficiency cells utilized for maximum power density with minimal footprint. Lightweight portable folding modules provide clean, silent solar power production in any terrain with no disruption to the environment. Durable: designed for long-term resiliency for DoD/military utility, able to operate with minimal reduction in Energy production even if hit by a bullet.	1 Yr/20+	Modular in design allows for several units to be connected for increased power production. Flexible lightweight design allows for deploy anywhere anytime. 42W, 100W and 240W modules.
SunEarth Inc. Empire Series Solar Collectors	Poncho's Solar Service	X			USA				- Solar power generation - Solar water heating	10 years	- Member of Hawaii Solar Energy Association - Glazed flat plate solar collectors
Suniva Photovoltaic Modules Solar Power Systems	Island Pacific Energy LLC	X			Various Locations	LEED	---	---	- Energy efficient - Renewable Energy - Recyclable - Solar power generation	25 / 40+	- Clean Energy - Member of Hawaii Solar Energy Association (HSEA)
Sunmodule Plus SW 280 mono PV panel	Poncho's Solar Service	X			USA				- Solar power generation	25+/-	- Member of Hawaii Solar Energy Association - Mono crystalline panel
SunnyBoy 5000-US/6000-US/7000-US/8000-US Inverter	Poncho's Solar Service	X			USA				- Energy efficient	10-20/-	- Member of Hawaii Solar Energy Association - Automatic grid voltage detection - Can be used with crystalline cells and thin-film PV modules
Xzeres 10kW Wind Turbine	Blue Pacific Energy LLC		X		Oregon	---	---	---	Energy from the Wind, High Performance	10 years	---

CLEANING PRODUCTS

LOOK FOR PRODUCTS WITH:

- Green Seal, EcoLogo, USDA BioPreferred, EPA Design for the Environment (DfE), and/or SCS certification
- Biobased, rapidly renewable and/or water-based ingredients
- Biodegradability
- Non-toxic, with Zero or Low VOC
- Recycled content
- Ammonia, chlorine, and phosphate free
- Packaging efficiency
- Energy efficient dispensers

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Acid Bathroom Cleaner Acid Bathroom Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---
ACT Concrete Cleaner Bioremediation Cleanup	Toolmaster Hawaii Inc	X			Dacono, CO	---	---	---	- Water conserving - Biobased: micro-organisms	---	- Uses no water - Cleans up oil, grease, antifreeze - Reduces animal waste to compost material - Helps keep contaminants from water supply - Eliminates odors and remediates gases - BioPreferred USDA Certified Biobased Product and PACT
Canberra Jaws 3410 Tile Grout and Bathroom Cleaner	ABC Corporation	X			USA	DfE	Less than 1% at RTU	LD50>5000mg/kg; No Carcinogens; Readily Bio-Degradable	Readily biodegradable. Not carcinogenic	1 year	Great shower/bathroom cleaner. Pleasant, soft fragrance.
Canberra Jaws 3421 Glass and Hard Surface Cleaner	ABC Corporation	X			USA	DfE	Less than 1% at RTU	LD50>5000mg/kg; No Carcinogens; Readily Bio-Degradable	Readily biodegradable. Not carcinogenic	1 year	Versatile. No alcohol or ammonia.
Canberra Jaws 3910 Multi-Purpose Cleaner / Degreaser	ABC Corporation	X			USA	DfE	Less than 1% at RTU	LD50>5000mg/kg; No Carcinogens; Readily Bio-Degradable	Readily biodegradable. Not carcinogenic	1 year	Great cleaner without the typical butyl seen in other degreasers.
Clean & Smooth Liquid Hand Soap	Ecolab	X			---	GS-41A	---	---	---	---	---

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Clean & Smooth (Nexa) Liquid Hand Soap	Ecolab	X			---	GS-41A	---	---	---	---	---
DigiClean Mild Foam Hand Soap	Ecolab	X			---	GS-41A	---	---	---	---	---
Enviroklean Industrial Cleaner/ Degreaser	Toolmaster Hawaii Inc	X			Troy, VA	---	48 g/L	---	Biodegradable	---	---
Evolve02 Concentrate Cleaning Chemical	EnvirOx, LLC Lamers Enterprise Inc. Maui Chemical & Paper Products	X			Danville, IL	Green Seal	Zero VOC	---	- Rapidly renewable - Water-based - 100% biobased content - Biodegradable	-- / 2	- Environmentally responsible corporate practices - Post consumer recyclable content in cardboard and plastic bottle
FaciliPro Carpet & Upholstery Extraction Cleaner Carpet cleaner	Ecolab	X			---	CRI Seal of Approval WoolSafe Seal of Approval GreenSeal (GS-37)	---	---	---	---	---
FaciliPro Carpet & Upholstery Prespray Cleaner Carpet cleaner	Ecolab	X			---	CRI Seal of Approval WoolSafe Seal of Approval GreenSeal (GS-37)	---	---	---	---	---
FaciliPro Concentrated Acid Bathroom Cleaner (QC) Acid Bathroom Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---
FaciliPro Concentrated Glass Cleaner (QC) Glass Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
FaciliPro Concentrated Neutral Bathroom Cleaner (QC) Neutral Bathroom Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---
FaciliPro Concentrated Neutral Floor Cleaner (QC) Neutral Floor Cleaner	Ecolab		X		---	(Green Seal) GS-37	---	---	---	---	---
FaciliPro Concentrated Peroxide Glass & Surface Cleaner (QC) Peroxide Glass & Surface Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---
FaciliPro Glass Cleaner Glass Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---
FaciliPro Heavy Duty Low Odor Floor strippers	Ecolab	X			---	GreenSeal (GS-40)	---	---	---	---	Use on Vinyl, Vinyl Asbestos floor Tiles, ceramic tile, terrazzo and concrete. Designed to remove sinc-free and zinc containing floor finishes
FaciliPro Low Maintenance Floor Finish Zinc-Free Floor Finish, Hi Gloss, Scuff Resistant, Easy Burnishing, Superior Leveling	Ecolab	X			---	GreenSeal (GS-40)	---	---	---	---	---
FaciliPro Mild Foaming Hand Soap (Nexa) Foaming Hand Soap	Ecolab	X			---	GS-41A	---	---	---	---	---

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Foaming Hand Soap	Honey Bee Cleaners, LLC		X		USA	DfE - Government Certified Green Cleaning Chemicals	---	---	DfE Chemicals	5 to 10	-Rich foaming biodegradable hand soap formulated with a delightful floral fragrance and emollients -Luxurious foam is gentle to the skin and will not strip natural oils -For use in foaming soap dispensers
Glass Cleaner Glass Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---
Greasinator Concentrate	EnvirOx, LLC Lamers Enterprise Inc. Maui Chemical & Paper Products				Danville, IL	Eco-Logo, NSF (A1)	< 0.01%	---	- plant derived renewable resource ingredients - reduced aquatic & human toxicity HMIS codes of 0,0,0 in use dilution - biodegradable	2 year shelf life	- Environmentally responsible corporate practices - Post consumer recyclable content in cardboard and plastic bottles
GT-1000 Graffiti Remover	Safety Systems Hawaii, Inc.	X			---	---	---	Nontoxic	100% biodegradable	---	- Non-caustic - Non-flammable
H2Orange2 Concentrate 117 Environmental Multi-Purpose Cleaning Chemical	EnvirOx, LLC Lamers Enterprise Inc. Maui Chemical & Paper Products	X			Danville, IL	CRI Seal of Approval	---	---	- Rapidly renewable - Water-based - 98.1% biobased content based upon carbon - Biodegradable	-- / 1 year per EPA registration	- Environmentally responsible corporate practices - Post consumer recyclable content in cardboard and plastic bottle - EPA registered sanitizer
Heavy Duty Low Odor Floor Finish Remover	Ecolab	X			---	GreenSeal (GS-40)	---	---	---	---	Use on Vinyl, Vinyl Asbestos floor Tiles, ceramic tile, terrazzo and concrete. Designed to remove zinc-free and zinc containing floor finishes Floor strippers
Howard Naturals Marble and Granite cleaner	City Mill	X			USA	---	---	Non-toxic	Biobased	---	Plant-based cleaner
Island Plastic Bags Liner (24x33) .8Mic 1000/CS	Honey Bee Cleaners, LLC	X			USA	---	---	---	Recycled material	5 to 10	-High Density liners are manufactured from linear low density polyethylene resin -Liners resist punctures, tears and zippering -Flat bottom seal provides strength across the bottom portion of the liners -Liners are individually folded and singly dispensed from a stackable dispenser pack for quick and easy access by your staff

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Janitorial Chemicals by Earth Friendly Products	Sustainable Island Products LLC	X			California	EPA Design For Environment, USDA Bio Preferred, Leaping Bunny, Green-E, EPA Green Power	---	---	Plant based, non-toxic, readily-biodegradable and free of synthetic dyes, petrochemicals and phosphates.	---	See www.EFPproline.com
Krud Kutter Cleaner/Degreaser Stain Remover	City Mill	X			USA	DfE (Design for the Environment)	Zero VOC	No petroleum surfactants, bleach or ammonia	- Biodegradable - Water-based	---	Industrial strength and safe for people, pets and plants
Krud Kutter Rust Remover & Inhibitor	City Mill	X			USA	DfE (Design for the Environment)	Zero VOC	No petroleum surfactants, bleach or ammonia	- Biodegradable - Water-based	---	---
Ladybug Chemical Free cleaner, deodorizer, sanitizer, disinfectant	Advanced Vapor Technologies LLC	X			Everett, WA	NSF International	Zero VOC	Small amount of solder in electronic PCB	- Energy efficient - Rapidly renewable - Water conserving - Reusable - Recyclable	3 or 8 / 8+	- Reduces or eliminates: cleaners, sanitizers, disinfectants, VOCs, surface degradation, waste streams - Minimal electrical power requirement - Minimal water consumption - ETL (ETL Testing Laboratories)
Low Maintenance Floor Finish Zinc-Free Floor Finish, Hi Gloss, Scuff Resistant, Easy Burnishing, Superior Leveling	Ecolab	X			---	GreenSeal (GS-40)	---	---	---	---	---
Maintex DURA ZF Floor Finish	Honey Bee Cleaners, LLC		X		USA	High Sierra - Green Seal™ Certified Products	<1g/L	No Toxicology Information is available	CASE***ZINC FREE***	5 to 10	- Zinc free floor finish -One product for all of your floor care needs -An extremely durable, long lasting finish that produces excellent gloss and wear characteristics. -Built in sealer/ finish formula. -Easily repaired and responds well to burnishing
Maintex Bio Graffiti Remover	ABC Corporation	X			USA	DfE	>15%	---	---	---	Uses all natural bio-based ingredients. Nonflammable.
Maintex Bio Stainless Steel Polish	ABC Corporation	X			USA	DfE	<10g/L	---	---	24 months	Uses all natural bio-based ingredients. Nonflammable.
Maintex Dura ZF	ABC Corporation	X			USA	Green Seal	<50g/L	---	---	24 months	Zinc Free. Works on all surfaces

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Maintex Foaming Cleaner/Degrease	Honey Bee Cleaners, LLC		X		USA	MAINTEX	8%	> 5 g/kg body weight	Biodegradable product	5 to 10	-This highly concentrated biodegradable degreaser instantly dissolves grease, oil, animal fats, proteins, and more -Jazz Foaming Cleaner Degreaser can be used in auto scrubbers, pressure washers, bucket or spray bottle – simply mop, brush, or wipe -Fortified with butyl and containing corrosion inhibitors, this product is an excellent choice for use in kitchens and industrial settings
Maintex Glacier	ABC Corporation	X			USA	Green Seal	<1%	No Toxicology Information is available	---	24 months	-Alcohol & Ammonia free
Maintex Green Glass Surface Cleaner	Honey Bee Cleaners, LLC		X		USA	MAINTEX	Zero VOC	Non-Toxic	An environmentally preferable bio based concentrated	5 to 7	-An environmentally preferable bio-based ready to use glass cleaner formulated from an effective detergent and vinegar to provide a crystal clear, streak-free shine -Effectively removes smoke film and dirt from glass and other hard surfaces -Does not contain harmful or toxic ingredients
Maintex Hand Soap	Honey Bee Cleaners, LLC	X			USA	MAINTEX	---	No Toxicology information is available	EPA preferred	5 to 7	-ANTIBACTERIAL high foaming action hand soap -Reduces soap scum in sink and lowers cost per hand wash -Softens and leaves hands with a fresh berry scent
Maintex Hand-Towel Roll White 6 rolls/CS 800	Honey Bee Cleaners, LLC	X			USA	MAINTEX	---	No Data is available for this product	Disposable, Recycled	5 to 10	---
Maintex Impact EES	ABC Corporation	X			USA	DfE	---	No Toxicology Information is available	---	24 months	-Polymer technology. VOC free formula.
Maintex IMPACT EES CARPET EXTRACTION SOLUTION	Honey Bee Cleaners, LLC		X		USA	High Sierra - Green Seal™ Certified Products	---	No Toxicology Information is available	---	5 to 10	-6-in-1 formula 4/1 GAL eliminates multiple products. -Sophisticated polymer technology -Contains re-soiling deterrent -Encapsulates soil with a non-sticky crystal that can be later vacuumed
Maintex Jumbo Toilet Tissue (SCA TJ1222E 2ply, 6 rolls/CS 2000)	Honey Bee Cleaners, LLC	X			USA	MAINTEX	---	No Data is available for this product	Disposable, Recycled	5 to 10	---

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Maintex Shimmer	ABC Corporation	X			USA	Green Seal	<1%	No Toxicology Information is available	---	24 months	Butyl, caustic and ammonia free. Peroxide based restroom & multi use cleaner.
Maintex SHIMMER Restroom & Multi Purpose Cleaner	Honey Bee Cleaners, LLC		X		USA	High Sierra - Green Seal™ Certified Products	3% as a concentrate	No Toxicology Information is available	Environmentally preferred	5 to 7	-4/1 GAL. Highly concentrated -Removes unpleasant odors, soap scum, body oils and urine deposits -Shimmer is safe for use on ceramic tile, porcelain, fiberglass, painted surfaces, stainless steel and chrome fixtures
Maintex Trailwinds	ABC Corporation	X			USA	Green Seal	<1%	No Toxicology Information is available	---	24 months	Butyl, caustic, alkali and phosphate free.
Maintex TRAILWINDS Neutral Cleaner	Honey Bee Cleaners, LLC		X		USA	High Sierra - Green Seal™ Certified Products	3% as a concentrate	No Toxicology Information is available	Green Seal Certified	5 to 10	-Floor cleaner formulated with hydrogen peroxide and other cleaning detergents -Trailwinds is a cleaner that will thoroughly clean floor surfaces without dulling the finish
Maintex Trend ES	ABC Corporation	X			USA	Green Seal	<300g/L	No Toxicology Information is available	---	24 months	Low odor. Removes even non-green wax
Maintex TREND ES STRIPPER	Honey Bee Cleaners, LLC		X		USA	High Sierra - Green Seal™ Certified Products	<100 g/L	No Toxicology Information is available	CS environmentally preferred	5 to 10	-Works on traditional zinc-based floor coatings -Odor free -Non-ammoniated and butyl-free
Metered Aerosol Deodorants	Honey Bee Cleaners, LLC	X			USA	MAINTEX	VOC compliant formula	No Toxicology Information is available	Dry, no "wet fallout", Recyclable	5 to 7	-Dry, apple-scented air freshener that eliminates offensive odors without "wet fallout" -Counteracts odors trapped in all types of fabric, carpeting and upholstery without staining -Effective against tobacco, mildew and other malodors
Micro-Blaze FOG Cleaning for commercial kitchens, drains	Safety Systems Hawaii, Inc.	X			USA	NSF	---	---	---	---	Has been tested and is Certified by NSF International as a compound for use as a general cleaner [A1], and a floor and wall cleaner for use in all departments [A4]
Peroxide Multi-Surface Cleaner All Purpose Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Pine Guard Disinfectant	Honey Bee Cleaners, LLC		X		USA	DfE (Design for the Environment)	N/A	No Toxicology Information is available	EPA approved, quaternary-based	5 to 7	-A pine-scented, EPA approved, quaternary-based, disinfectant, deodorizer cleaner effective against a wide variety of bacteria, fungi and viruses -Nonflammable, non-abrasive and phosphate free. -4 oz per gallon dilution
Procter & Gamble Mr. Clean Finish Floor Cleaner	KYD, Inc.	X			Cincinnati, OH	DfE	Zero VOC	---	---	---	Concentrated formula and packaging reduces waste, energy, saves time & money.
Procter & Gamble New Directions Zinc Free Floor Finish	KYD, Inc.	X			Cincinnati, OH	DfE	≤1%	---	---	---	Concentrated formula and packaging reduces waste, energy, saves time & money.
Procter & Gamble Pro Line Finished Floor Cleaner	KYD, Inc.	X			Cincinnati, OH	DfE	Zero VOC	---	---	---	Concentrated formula and packaging reduces waste, energy, saves time & money.
Procyon Carpet & Upholstery Cleaner Concentrate 128 oz.	Cooper Technologies	X			Plus Manufacturing, Inc.	Green Seal Certified, Carpet & Rug Institute Certified, Indoor Air Quality Approved	Zero VOC	Non-Toxic	Soap Free, Detergent Free, No VOCs, Nontoxic, Hypoallergenic, No color, No odor, Biodegradable, No soapy sticky residue, No enzymes	None / Forever	---
Procyon Carpet & Upholstery Cleaner Concentrate 32 oz.	Cooper Technologies	X			Plus Manufacturing, Inc.	Green Seal Certified, Carpet & Rug Institute Certified, Indoor Air Quality Approved	Zero VOC	Non-Toxic	Soap Free, Detergent Free, No VOCs, Nontoxic, Hypoallergenic, No color, No odor, Biodegradable, No soapy sticky residue, No enzymes	None / Forever	---
Procyon Extreme! Carpet Cleaner Concentrate 128 oz.	Cooper Technologies	X			Plus Manufacturing, Inc.	Woolsafe Approved, Green Seal Certified, Carpet & Rug Institute Certified, Indoor Air Quality Approved	Zero VOC	Non-Toxic	Soap Free, Detergent Free, No VOCs, Nontoxic, Hypoallergenic, No color, No odor, Biodegradable, No soapy sticky residue, No enzymes	None / Forever	---

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Procyon Extreme! Carpet Cleaner Concentrate 32 oz.	Cooper Technologies	X			Plus Manufacturing, Inc.	Woolsafe Approved, Green Seal Certified, Carpet & Rug Institute Certified, Indoor Air Quality Approved	Zero VOC	Non-Toxic	Soap Free, Detergent Free, No VOCs, Nontoxic, Hypoallergenic, No color, No odor, Biodegradable, No soapy sticky residue, No enzymes	None / Forever	---
Procyon Multi-Purpose Cleaner & Degreaser Concentrate 128 oz.	Cooper Technologies	X			Plus Manufacturing, Inc.	Green Seal Certified, Carpet & Rug Institute Certified, Indoor Air Quality Approved	Zero VOC	Non-Toxic	Soap Free, Detergent Free, No VOCs, Nontoxic, Hypoallergenic, No color, No odor, Biodegradable, No soapy sticky residue, No enzymes	None / Forever	---
Procyon Multi-Purpose Cleaner & Degreaser Concentrate 32 oz.	Cooper Technologies	X			Plus Manufacturing, Inc.	Green Seal Certified, Carpet & Rug Institute Certified, Indoor Air Quality Approved	Zero VOC	Non-Toxic	Soap Free, Detergent Free, No VOCs, Nontoxic, Hypoallergenic, No color, No odor, Biodegradable, No soapy sticky residue, No enzymes	None / Forever	---
Procyon Spot & Stain Remover 128 oz.	Cooper Technologies	X			Plus Manufacturing, Inc.	Green Seal Certified, Carpet & Rug Institute Certified, Indoor Air Quality Approved	Zero VOC	Non-Toxic	Soap Free, Detergent Free, No VOCs, Nontoxic, Hypoallergenic, No color, No odor, Biodegradable, No soapy sticky residue, No enzymes	None / Forever	Ready to Use
Procyon Spot & Stain Remover 32 oz.	Cooper Technologies	X			Plus Manufacturing, Inc.	Green Seal Certified, Carpet & Rug Institute Certified, Indoor Air Quality Approved	Zero VOC	Non-Toxic	Soap Free, Detergent Free, No VOCs, Nontoxic, Hypoallergenic, No color, No odor, Biodegradable, No soapy sticky residue, No enzymes	None / Forever	Ready to Use
Procyon Tile & Grout Cleaner Concentrate 128 oz.	Cooper Technologies	X			Plus Manufacturing, Inc.	Green Seal Certified, Carpet & Rug Institute Certified, Indoor Air Quality Approved	Zero VOC	Non-Toxic	Soap Free, Detergent Free, No VOCs, Nontoxic, Hypoallergenic, No color, No odor, Biodegradable, No soapy sticky residue, No enzymes	None / Forever	---

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Procyon Tile & Grout Cleaner Concentrate 32 oz.	Cooper Technologies	X			Plus Manufacturing, Inc.	Green Seal Certified, Carpet & Rug Institute Certified, Indoor Air Quality Approved	Zero VOC	Non-Toxic	Soap Free, Detergent Free, No VOCs, Nontoxic, Hypoallergenic, No color, No odor, Biodegradable, No soapy sticky residue, No enzymes	None / Forever	---
QC 34 High Performance Ultra Concentrated Neutral Floor Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---
Quik Fill 34 Neutral Floor Cleaner	Ecolab		X		---	(Green Seal) GS-37	---	---	---	---	---
Quik Fill 50 Glass Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---
Quik Fill 54 Peroxide Glass & Surface Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---
Quik Fill 92 Neutral Bathroom Cleaner	Ecolab	X			---	(Green Seal) GS-37	---	---	---	---	---
Quik Fill Magnum 34 Neutral Floor Cleaner	Ecolab			X	---	(Green Seal) GS-37	---	---	---	---	---
Receptacle Liner (wax paper for San Nap 500/cs)	Honey Bee Cleaners, LLC	X			USA	MAINTEX	---	---	Recycled material	5 to 10	---
Revitalize Carpet & Upholstery Extraction Cleaner Carpet cleaner	Ecolab	X			---	CRI Seal of Approval WoolSafe Seal of Approval GreenSeal (GS-37)	---	---	---	---	---
Revitalize Carpet & Upholstery Prespray Cleaner Carpet cleaner	Ecolab	X			---	CRI Seal of Approval WoolSafe Seal of Approval GreenSeal (GS-37)	---	---	---	---	---

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Revitalize Miracle Spotter Starter Kit Carpet cleaner - daily maintenance	Ecolab	X			---	CRI Seal of Approval	---	---	---	---	---
Revitalize Perfusion Carpet & Upholstery Cleaner Carpet cleaner	Ecolab	X			---	CRI Seal of Approval	---	---	---	---	---
Seat Cover (White 250/pk-20/CS)	Honey Bee Cleaners, LLC	X			USA	MAINTEX	---	---	---	5 to 10	---
Shamtastic Wipes	City Mill	X			Germany	---	---	---	- Biobased - Reusable - Durable	---	- Made from sustainably managed beech forests in Europe.
Simple Green Cleaning products	City Mill	X			USA	---	2.80%	---	- Readily biodegradable per OECD or ASTM standards - VOC Level per SCAQMD requirements	---	- Clean Building cleaner is Green Seal certified - Crystal formula has no added color or fragrances
Simple Green Heavy Duty Towels	City Mill	X			USA	---	---	---	- Non-toxic formula - Biodegradable	---	No Dye or Scent
Solid Oxy-Brite Solid Laundry Destainer used with our Navigator Solid Laundry System	Ecolab	X			---	GS-51	---	---	---	---	---
Solid Surge Plus Solid Laundry Built Detergent used with our Navigator Solid Laundry System	Ecolab	X			---	GS-51	---	---	---	---	---
Super Concentrate Floors	EnvirOx, LLC - Lamers Enterprise Inc. - Maui Chemical & Paper Products				Danville, IL	Green Seal GS-37 (2009)	0.03%	---	- only contains plant based solvent & surfactants - reduced aquatic & human toxicity - biodegradable	2 year shelf life	- Environmentally responsible corporate practices - Post consumer recyclable content in cardboard and plastic bottles

CLEANING PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Tampon Vending Machine (Rochester Midland V5)	Honey Bee Cleaners, LLC		X		USA	MAINTEX	---	---	Recyclable	'5 to 10	---
Toilet Tissue (2PLY White 80rolls/CS 605 SHT/RL)	Honey Bee Cleaners, LLC	X			USA	MAINTEX	---	---	Disposable, Recycled	5 to 10	---
Toilet Tissue (2PLY White Compact Coreless 18rolls/CS 1500 SHT/RL)	Honey Bee Cleaners, LLC	X			USA	MAINTEX	---	---	Disposable, Recycled	5 to 10	---
VaporJet Chemical Free cleaner, deodorizer, sanitizer, disinfectant	Advanced Vapor Technologies LLC	X			Everett, WA	NSF International	Zero VOC	Small amount of solder in electronic PCB	- Energy efficient - Rapidly renewable - Water conserving - Reusable - Recyclable	3 or 8 / 8+	- Reduces or eliminates: cleaners, sanitizers, disinfectants, VOCs, surface degradation, waste streams - Minimal electrical power requirement - Minimal water consumption - ETL (ETL Testing Laboratories)
Wausau Paper EcoSoft Bathroom Tissue	KYD, Inc.	X			Harrodsburg, KY	Green Seal Certified	---	---	100% Recycled Content	---	---
Wausau Paper EcoSoft Facial Tissue	KYD, Inc.	X			Harrodsburg, KY	Green Seal Certified	---	---	100% Recycled Content	---	---
Wausau Paper EcoSoft Paper Towels	KYD, Inc.	X			Harrodsburg, KY	Green Seal Certified	---	---	100% Recycled Content	---	---
Spartan Clean by Peroxy® All Purpose Cleaner	Lamaers	X			Maumee, OH	Green Seal Certified	---	---		---	non-combustible, no contribution to the production of photochemical smog, tropospheric ozone or poor indoor air quality. Not contribute to eutrophication.
Green Solutions®	Lamaers	x			Maumee, OH	Green Seal Certified, Safer Choice	VOC free	---		---	Biodegradable. No phosphates.

OFFICE PRODUCTS

LOOK FOR PRODUCTS WITH:

- Recycled content and/or CPG compliant
- Paper products that are acid-free, processed chlorine-free and/or FSC or SFI certified
- Recyclability, Biodegradability, and/or Cradle to Cradle Certification for after useful life
- SCS and/or GREENGUARD Certification for optimal indoor air quality
- Energy efficiency and/or ENERGY STAR certification for office electronics For a full list of ENERGY STAR certified products:
http://www.energystar.gov/index.cfm?c=products.pr_find_es_products
- Refillable options

THIRD-PARTY CERTIFICATION PROGRAMS:



Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Level	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
[IN] PLACE Tab View Extra-Capacity Box-Bottom Hanging Folders	Office Depot OfficeMax	X			---	---	---	---	70% recycled content	---	---
[IN] PLACE Aluminium Portable Storage Clipboards	Office Depot OfficeMax	X			---	---	---	---	50% post-consumer (aluminum), up to 89% total recycled content	---	---
[IN] PLACE Desktop File Box	Office Depot OfficeMax	X			---	CPG	---	---	100% post-consumer (paper stock)	---	---
[IN] PLACE Heavy-Duty File Pockets	Office Depot OfficeMax	X			---	SFI Chain of Custody	---	---	10% post-consumer (paper stock)	---	Reinforced gussets for greater durability
[IN] PLACE Pressboard Folders with Embossed Fasteners	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% post-consumer (pressboard)	---	---
[IN] PLACE Recycled Colored File Folders	Office Depot OfficeMax	X			---	SFI CPG	---	acid-free	100% post-consumer (paper stock)	---	---
18280/01 Georgia-Pacific Preference Bath Tissue	HFM FoodService	X			USA	Green by Design	---	---	- Made from 95% recycled materials - Can help earn LEED credits	---	- White 2-ply embossed bathroom tissue - Soft, durable, quick absorbency
19880/01 Georgia-Pacific Envision® Bath Tissue	HFM FoodService	X			USA	Green Seal, EcoLogo, Green by Design, Processed Chlorine Free	---	---	- 100% recovered material with a minimum of 25% post-consumer, and processed chlorine free - Can help earn LEED credits	---	- 2-ply embossed bathroom tissue - Soft, durable, quick absorbency
20389 Georgia-Pacific Preference MF Towel	HFM FoodService	X			USA	Green by Design	---	---	- Made from 40% recycled materials - Can help earn LEED credits	---	- Bright white shade - Thick and absorbent to quickly and thoroughly dry hands while reducing excessive usage

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
24590 Georgia-Pacific Envision® MF Towel	HFM FoodService	X			USA	Green Seal, EcoLogo, Green by Design, Processed Chlorine Free	---	---	- Contains at least 50% post-consumer recycled fiber, and processed chlorine free - Can help earn LEED credits - Certified for reduced environmental impact	---	- Low per-unit cost - Offers dependable absorbency, thickness, and strength
3M Gel Mousepad Wrist Rests with Precise Mouse Surface	Office Depot/ OfficeMax Premium Inc	X			---	---	---	---	25% pre-consumer recycled content	1 / --	- Antimicrobial protection helps prevent the growth of microbes - Mouse surface extends battery life up to 75%
3M Keyboard Trays with Standard Platform	Office Depot/ OfficeMax Premium Inc	X			---	---	---	---	70% Pre-consumer recycled content	5 / --	- Antimicrobial protection prevents the growth of microbes - Qualifies for LEED EBO&M Credit 2.2 Sustainable Purchasing: Durable Goods
3M Post-It Self-Stick Easel Pads	Office Depot/ OfficeMax Premium Inc	X			---	CPG	---	---	30% post-consumer recycled content	---	---
3M Rotary Organizer	Office Depot/ OfficeMax Premium Inc	X			---	CPG	---	---	50% post-consumer recycled content	---	---
3M Transparency Film for Copiers	Office Depot/ OfficeMax Premium Inc	X			---	---	---	---	50% post-consumer recycled content	---	---
3M Post-It Recycled note pads	HSC Office, Premium Inc OfficeDepot/ OfficeMax	X			---	SFI Chain of Custody CPG	---	---	100% post-consumer recycled paper	---	Paper comes from forests that are well-managed where trees are replanted
89440 Georgia-Pacific enMotion® Roll Towel	HFM FoodService	X			USA	Green Seal, EcoLogo, Green by Design	---	---	- 100% recovered material with at least 50% post-consumer, and processed chlorine free - Can help earn LEED credits	---	- 700" roll is long lasting and reduces maintenance costs and refill - High quality towel
Abisco Spine Assist Round-Ring View Binders	Office Depot OfficeMax	X			---	CPG	---	---	50% Post-consumer recycled content	---	Minority owned business
ACCO Prestex/ Pressboard top-Hinge Report covers	Office Depot OfficeMax	X			---	CPG	---	---	100% post-consumer (stock)	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Acco Hanging Presstex Data Binders	Office Depot OfficeMax	X			---	---	---	---	30% Post-consumer recycled content	---	---
ALERA Reception Lounge Series Office furniture	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality ANSI/BIFMA	---	---	---	5 / --	---
Alera Steel Storage Cabinets	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---
Ascend Peel-to- Seal Envelopes	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---
Ascend Peel-to- Seal Catalog Envelopes	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---
AT-A-GLANCE QuickNotes Weekly/Monthly Professional Appointment Books	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer	---	Supports the battle against breast cancer by donating funds to City of Hope for research, treatment, and education
AT-A-GLANCE Recycled Weekly/Monthly Appointment Books	Office Depot OfficeMax	X			---	CPG	---	---	100% post-consumer (paper)	---	---
Avery Direct Print Presentation Dividers	Office Depot OfficeMax	X			---	---	---	---	30% Post-consumer recycled content	---	---
Avery EcoFriendly Index Maker Dividers	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	---	77% post-consumer recycled paper	---	---
Avery EcoFriendly Table of Contents Divider	Office Depot OfficeMax	X			---	FSC Chain of Custody	---	---	80% post-consumer recycled paper	---	---
Avery Index Maker Clear Lable Dividers	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---
Avery Brown Kraft Shipping Labels	Office Depot OfficeMax	X			---	---	---	Processed chlorine-free	100% recycled material	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Avery Double-Pocket Dividers	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled paper	---	---
Avery EcoFriendly 100% Recycled Name Badges	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	Processed Chlorine-free	- 100% post-consumer recycled paper - Water-based adhesive	---	---
Avery Laser or Inkjet Labels	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	---	100% post-consumer recycled paper	---	---
Avery Recyclable EZTurn Ring Binder	Office Depot OfficeMax	X			---	---	---	---	- 65% post-consumer recycled chipboard - Rivets and rings removable for reuse - All components recyclable	---	---
Bankers Box 100% Recycled Storage Boxes	Office Depot OfficeMax	X			---	SFI CPG	---	---	100% post-consumer recycled content	---	---
Bankers Box Office products	Office Depot OfficeMax	X			---	---	---	---	Min 59% post-consumer recycled content	---	---
Bankers Box Staxonsteel Storage Drawers	Office Depot OfficeMax	X			---	CPG	---	---	Linerboard made with 65% Post-consumer recycled content	---	---
BASYX BY HON 400 Series Lateral Files	Office Depot OfficeMax	X			---	SCS Indoor Advantage ANSI/BIFMA CPG	---	---	30% post-consumer	---	---
Baumgartens ID Lanyards	Office Depot OfficeMax	X			---	---	---	---	30% post-consumer recycled water bottles	---	Woman owned business
Belkin SurgeMaster Energy-Saving 6 and 8 outlet 'Smart Surge' Protectors	Office Depot OfficeMax	X			---	---	---	---	Energy saving	---	Conserves energy because the 'Smart Surge' senses connected electronics in sleep mode and automatically turns off their individual outlets
Bic Ecolutions ReAction Recycled Ballpoint Pens	Office Depot OfficeMax	X			---	---	---	---	74% post-consumer recycled content	---	---
BlueLine Notebooks	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Boise Aspen Laser Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	---	30% post-consumer recycled paper	---	---
Boise Aspen ColorCopy Recycled Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	No chlorine or chlorine compounds	100% post-consumer recycled paper	---	---
Boise Aspen Multiuse Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	---	100% post-consumer recycled paper	---	---
Boise FIREWORX Colored Multiuse Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	---	30% post-consumer recycled paper	---	---
Boise HD:P Glossy Color Laser Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody	---	---	15% post-consumer recycled content	---	---
Brother Printers	Office Depot OfficeMax	X			---	ENERGY STAR	---	---	---	---	---
Canon Calculators	Office Depot OfficeMax	X			---	---	---	---	25- 100% post-consumer recycled plastic	---	---
Canon Printers	Office Depot OfficeMax	X			---	ENERGY STAR	---	---	---	---	---
Cardinal Antimicrobial Locking View Binders	Office Depot OfficeMax	X			---	---	---	---	- 100% post-consumer recycled chipboard - 52% total recycled content	---	Antimicrobial material prevents the growth of bacteria and fungus on the binder surface
Cardinal Eco-Smart Ring Binders	Office Depot OfficeMax	X			---	---	---	---	90% recycled polypropylene	---	---
CareMail Kraft Packing Wrapping Paper	Office Depot OfficeMax	X			---	---	---	---	100% post-consumer recycled content	---	---
CareMail Recycled Corrugated Shipping Boxes	Office Depot OfficeMax	X			---	---	---	---	100% post-consumer recycled content	---	---
CareMail Rugged Padded Mailers	Office Depot OfficeMax	X			---	---	---	---	Stuffing made from 55% Post-consumer recycled papers	---	---
CareMail Tri-Hex Mailing Tubes	Office Depot OfficeMax	X			---	---	---	---	100% post-consumer recycled content	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Chicago Lighthouse Industries Wall Clocks	Office Depot OfficeMax	X			---	---	---	---	-30% post-consumer recycled content	3 / --	Ability One Program - provides employment opportunities for people who are blind or have other severe disabilities
C-Line Products Sheet Protectors	Office Depot OfficeMax	X			---	---	---	---	-30% post-consumer recycled content	---	---
Cosco 2000 PLUS Green Line Self-Inking Message Stamps	Office Depot OfficeMax	X			---	---	---	---	- 80% recycled plastic - Uses water based ink	---	---
Cosco 2000 PLUS Green Line Heavy Duty 4in1 Date Stamp	Office Depot OfficeMax	X			---	---	---	---	- 75% recycled plastic - Uses water based ink	---	---
Crown EcoPlus Wiper/Scraper Mats	Office Depot OfficeMax	X			---	---	---	---	-Made with a 100% recycled P.E.T. fiber surface	---	---
Crown Eco-Step Wiper Mats	Office Depot OfficeMax	X			---	---	---	---	-Made with 100% recycled P.E.T. fiber source	---	---
DAY RUNNER Weekly/Monthly Planners	Office Depot OfficeMax	X			---	CPG	---	---	-30% post-consumer	---	---
DAYMINDER Premiere Professional Weekly Appointment Books	Office Depot OfficeMax	X			---	CPG	---	---	-30% post-consumer (paper)	---	---
Diverse Earth Second Nature Legal Pads	Office Depot OfficeMax	X			---	CPG	---	---	- 100% recycled paper - Total 40% Post-consumer recycled paper	---	---
DIVOGA Fashion File Folders	Office Depot OfficeMax	X			---	CPG	---	---	-30% post-consumer recycled content	---	Satin-finish exterior coating for durability and water resistance
Duck Twist-N-Pull Mailing Tubes	Office Depot OfficeMax	X			---	---	---	---	-65% post-consumer recycled content	---	---
Duracell Rechargeable Batteries	Grainger OfficeDepot/OfficeMax	X			Japan	---	---	---	- Reusable - Durable	---	- Lasts longer than ordinary alkaline batteries - Can be recharged up to 1000 times

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
ECOBAGS® Reusable bags	Eco-Bags Products, Inc.			X	India	OTA (organic Cottons only) GOTS (fair age, fair labor) B corporation certified	---	Lead, phthalates & PVC-free	- 100% recycled, natural & organic options - Biodegradable - Reusable - Recyclable	None / 5+	- All custom printing inks are lead, phthalates & PVC-free - Products include totes, lunch, produce, soap, spa, Made To Order, Custom printed bags - All ECOBAGS brand items are certified for fair wage/fair labor - Member of OTA (Organic Trade Association) - Bags for conferences and events (Blank and custom printed) - www.ecobags.com - Materials: mostly cottons: Recycled, Certified Organic or Conventional
EcoStapler Stapler	Office Depot OfficeMax	X			---	---	---	---	- 30% recycled content - Total 13% post-consumer recycled content	---	---
Energizer Batteries and Battery recharger	Office Depot OfficeMax	X			---	---	---	Mercury-free	Rechargeable	---	Allows batteries to be recharged repeatedly, reducing number of batteries sent to landfills
Epson Printer	Office Depot OfficeMax	X			---	ENERGY STAR	---	---	---	---	---
Ever-Green Bathroom Tissue in Dispenser Box	Office Depot OfficeMax	X			---	---	---	Made without chlorine compounds	100% recycled content	---	- No plastic packaging is used in this product - No added dyes or fragrances
Fellowes Recycled Mouse Pads	Office Depot OfficeMax	X			---	CPG	---	---	95% post-consumer	---	---
Fellowes Storage accessories	Office Depot OfficeMax	X			---	---	---	---	100% pre-consumer recycled plastic	---	---
Fiskars 100% Recycled Scissors	Office Depot OfficeMax	X			---	---	---	---	Handles contain 100% post-consumer content	---	---
GBC Leather-Textured Back Covers	Office Depot OfficeMax	X			---	---	---	---	40% post-consumer recycled paper	---	---
GBC Recycled Report Covers	Office Depot OfficeMax	X			---	---	---	---	100% post-consumer recycled content	---	---
GE Energy Smart CFL Spiral Light Bulbs	Office Depot OfficeMax	X			---	ENERGY STAR	---	Mercury	Energy efficient	---	Up to 75% less energy usage than incandescent bulbs and lasts 10 times longer

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Georgia-Pacific Jumbo Roll Bathroom Tissues	OfficeDepot/OfficeMax Premium Inc	X			USA	EcoLogo	---	---	-100% recycled content	---	---
Georgia-Pacific Vista Towel Dispenser	OfficeDepot/OfficeMax Premium Inc	X			USA	---	---	---	-40% post-consumer recycled content	---	---
Ghent Tackboards	Office Depot OfficeMax	X			---	---	---	---	-90% post-consumer recycled rubber	---	---
Glad Tall Kitchen Twist-Tie Bags	Office Depot OfficeMax	X			---	CPG	---	---	- 65% recycled plastic - Total 10% post-consumer recycled content - Carton made from 100% recycled paperboard	---	---
GLOBAL 9300P Series Lateral Files	Office Depot OfficeMax	X			---	CPG	---	---	-30% post-consumer	---	---
GLOBAL Comet Stacking Chairs	Office Depot OfficeMax	X			---	SCS Indoor Advantage Gold GREENGUARD Indoor Quality ANSI/BIFMA	---	---	---	---	---
GLOBAL Laurent Series Office furniture	Office Depot OfficeMax	X			Marlton, NJ	GREENGUARD Indoor Air Quality ANSI/BIFMA	---	---	---	---	---
GLOBE-WEIS Premium Reinforced Watershed File Pockets	Office Depot OfficeMax	X			---	SFI Chain of Custody	---	---	-10% post-consumer (paper stock)	---	---
Goecolife Office shredder	Office Depot OfficeMax	X			---	CarbonFree RoHS	---	---	-Energy efficient	3 / --	- Carbon neutral - Utilize energy saving technology - Packaged with environmentally preferable products
Green Works Dishwashing Liquid	Office Depot OfficeMax	X			---	DfE	---	Nontoxic	-Biobased	---	- Made with plant-based ingredients - No petrochemicals or dyes
Green Works Laundry Detergent	Home Depot OfficeDepot/OfficeMax	X			---	DfE	---	Nontoxic	-Biobased	---	- Made with plant-based ingredients - No petrochemicals or dyes
Green Works All purpose cleaner	Grainger, Home Depot OfficeDepot/OfficeMax	X			---	DfE Green Seal	---	Nontoxic	- Biobased - Biodegradable	---	- Made with plant-based ingredients - No petrochemicals or dyes
Guy Brown Remanufactured Toner Cartridges	Office Depot OfficeMax	X			---	---	---	---	---	---	Keeps material from entering waste-stream by remanufacturing used cartridges

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Health Gards Toilet Seat Covers and Dispenser	Office Depot OfficeMax	X			---	---	---	---	Toilet seat covers made with 20% Post-consumer recycled content (CPG)	---	---
Hefty Renew Recycled Bags	Office Depot OfficeMax	X			---	---	---	---	44% post-consumer recycled content	---	---
HON 210 Series Deep Vertical Files	Office Depot OfficeMax	X			---	SCS Indoor Advantage ANSI/BIFMA	---	---	30% post-consumer (CPG)	---	---
HON 38000 Series Metal Desks	Office Depot OfficeMax	X			---	ANSI/BIFMA	---	---	---	---	---
HON 500 Series Lateral Files	Office Depot OfficeMax	X			---	SCS Indoor Advantage ANSI/BIFMA	---	---	30% post-consumer (CPG)	---	---
HON 94000 Series Traditional Office Furniture	Office Depot OfficeMax	X			---	SCS Indoor Advantage ANSI/BIFMA	---	---	---	---	---
HON Brigade Pedestals with Radius Pulls	Office Depot OfficeMax	X			---	SCS Indoor Advantage ANSI/BIFMA	---	---	30% post-consumer (CPG)	---	---
HON Brigade 800 Series 2- and 3-Drawer Lateral Files	Office Depot OfficeMax	X			---	SCS Indoor Advantage ANSI/BIFMA	---	---	30% post-consumer (CPG)	---	---
HON Brigade Steel Bookcases	Office Depot OfficeMax	X			---	ANSI/BIFMA	---	---	30% post-consumer (CPG)	---	---
HON Brigade Steel Storage Cabinets	Office Depot OfficeMax	X			---	SCS Indoor Advantage	---	---	30% post-consumer (CPG)	---	---
HON Metro Classic Series Office furniture	Office Depot OfficeMax	X			---	ANSI/BIFMA	---	---	30% post-consumer (steel) (CPG)	---	---
HON Mirus Series Office chairs	Office Depot OfficeMax	X			---	SCS Indoor Advantage Gold	---	---	---	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
HON Multipurpose Stackable Chairs	Office Depot OfficeMax	X			---	SCS Indoor Advantage ANSI/BIFMA	---	---	---	---	---
HP LaserJet Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody	---	---	---	---	---
HP LaserJet Printer	Office Depot OfficeMax	X			---	ENERGY STAR	---	---	---	---	---
HP Recycled Paper	Office Depot OfficeMax	X			---	SFI Chain of Custody CPG	---	---	30% post-consumer recycled paper	---	---
Infuse Premium 2-Tone Paper Presentation Products	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---
Infuse Self-Stick Easel Pads	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---
Janitorial Chemicals by Earth Friendly Products	Sustainable Island Products LLC	X			California	EPA Design For Environment, USDA Bio Preferred, Leaping Bunny, Green-E, EPA Green Power	---	---	Plant based, non-toxic, readily-biodegradable and free of synthetic dyes, petrochemicals and phosphates.	---	See www.EFPproline.com
Jiffy Padded mailers with self-seal flap	Office Depot OfficeMax	X			---	---	---	---	50% post-consumer recycled content	---	---
JUST BASICS 100% Recycled Hardboard Archboards and Clipboards	Office Depot OfficeMax	X			---	---	---	---	100% post-consumer (board)	---	---
Kimberly-Clark SLIMFOLD Towel System	Office Depot OfficeMax	X			---	FSC Chain of Custody	---	---	40% Post-consumer recycled paper	---	---
Kimberly-Clark 2-Ply Scott Coreless Bathroom tissue	Office Depot OfficeMax	X			---	---	---	---	45% Post-consumer recycled content (CPG)	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info	
	Company Name	IS	SO								OI
KWIK-FILE Mailflow Systems	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality CPG	---	---	30% post-consumer recycled content	---	---
LEE Sortkwik Fingertip moisteners	Office Depot OfficeMax	X			---	---	---	Nontoxic ingredients	50% Post-consumer (plastic container)	---	- Odorless - Won't stain skin, paper, clothes - Antibacterial
Lexmark Printer	Office Depot OfficeMax	X			---	ENERGY STAR	---	---	---	---	---
LIQUID PAPER DryLine Grip Correction Film	Office Depot OfficeMax	X			---	---	---	---	67% post-consumer (plastic dispenser)	---	---
Marcial Small Steps Bathroom Tissue	Office Depot OfficeMax	X			---	---	---	---	100% total Recycled content with 60% postconsumer content	---	---
Martha Stewart Clean Cleaning products	Home Depot OfficeDepot/OfficeMax	X			---	DfE	---	- Ammonia free - Nontoxic	99% plant and mineral-based ingredients	---	-No artificial dyes or fragrances
Mead Casebound Notebooks	Office Depot OfficeMax	X			---	CPG	---	---	90% post-consumer recycled content	---	---
MMF INDUSTRIES Extra Storage Cash Box	Office Depot OfficeMax	X			---	---	---	---	12% post-consumer (steel)	---	-Heavy-gauge steel with scratch and chip-resistant finish
MMF INDUSTRIES High-Security Cash Drawer	Office Depot OfficeMax	X			---	---	---	---	- 50% post-consumer recycled content - Durable	---	- Designed to last more than 3million open/close cycles - Heavy-gauge steel construction with scratch-and- chip-resistant finish
Mohawk Color Copy Recycled Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	No chlorine or chlorine compounds	100% post-consumer recycled paper	---	Manufactured with renewable wind power
NATIONAL Arrowood Laminate Collection Office furniture	Office Depot OfficeMax	X			---	SCS Indoor Advantage ANSI/BIFMA	---	---	---	---	---
New Leaf Encore 100 Multipurpose Copy Paper	Sustainable Island Products LLC	X			California	FSC, SCS,PCF,Green E, Ancient Forest Friendly	---	---	100% PCR Post-Consumer Recycled paper stock.	---	-Multiuse office paper and copy paper for slow or high speed. 92 bright. Elemental Chlorine Free bleaching, Wind powered, Ancient Forest Friendly, Green-E Certified.

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Norcom Ecotec Notebooks	Office Depot OfficeMax	X			---	---	---	---	- Cover made with 100% Post-consumer recycled content - Paper made with 40% post-consumer recycled content	---	---
Office Depot 100% Recycled Paper Towels	Office Depot OfficeMax	X			---	---	---	---	100 % Total recycled content: 60 % Post-consumer content	---	---
Office Depot 100% Recycled Hanging Folders	Office Depot OfficeMax	X			---	---	---	Tabs are PVC-free	100% recycled content with minimum of 95% post-consumer recycled content	---	Tabs made from R-PET (Recycled Polyethylene Terephthalate)
Office Depot 100% Recycled Lunch Napkins	Office Depot OfficeMax	X			---	---	---	Chlorine- free	100 % total recycled content: 60 % post-consumer content	---	Certified Process Chlorine Free (PCF)
Office Depot 100% Recycled Marble Composition Book	Office Depot OfficeMax	X			---	---	---	---	Contains 100% total recycled content	---	---
Office Depot 30% Recycled File Box	Office Depot OfficeMax	X			---	---	---	---	Made with 30% total recycled content	---	---
Office Depot 30% Recycled Inkjet Paper	Office Depot OfficeMax	X			---	Green Seal SFI Chain of Custody	---	---	Paper made with 30% post-consumer recycled content	---	---
Office Depot 40% Recycled Multipurpose Corrugated Carton	Office Depot OfficeMax	X			---	---	---	---	Made with 40% total recycled content	---	---
Office Depot Aluminum Form Holder, Storage Clipboard	Office Depot OfficeMax	X			---	---	---	---	Contains 89% recycled content with 50% post-consumer recycled content	---	---
Office Depot Envelopes and mailers	Office Depot OfficeMax	X			---	---	---	---	Made with 20% Post-consumer recycled content	---	---
Office Depot EnviroCopy 30% Recycled FSC Certified Paper	Office Depot OfficeMax	X			---	FCS Green Seal	---	---	Paper made with 30% post-consumer recycled content	---	Paper from certified forests
Office Depot Loose Fill Packing Peanuts	Office Depot OfficeMax	X			---	BPI Certified Compostable	---	---	- Biobased - Compostable - Rapidly renewable - Water-soluble	---	- Made from corn starch - HUB - Historically Underutilized Businesses include minority-owned, women-owned, disabled-owned, veteran-owned, and small (SBA 8(a), SDB, and HUB Zone) businesses

OFFICE PRODUCTS (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info	
	Company Name	IS	SO								OI
Office Depot Plastic Clipboards	Office Depot OfficeMax	X			---	---	---	---	Contains a minimum of 50% Post-consumer recycled content	---	---
Office Depot Wirebound Notebooks	Office Depot OfficeMax	X			---	---	---	---	- Rapidly renewable content - Biobased: paper is made with 80% sugarcane fiber	---	---
OfficeMax Hanging Folders	Office Depot OfficeMax	X			---	CPG	---	---	95% post-consumer	---	---
OfficeMax 2-in-1 Deluxe Tape Dispenser	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	Minority woman owned business
OfficeMax Gummed Pads	Office Depot OfficeMax	X			---	CPG	---	---	40% post-consumer recycled paper	---	---
OfficeMax Padded Mailers	Office Depot OfficeMax	X			---	---	---	---	50% post-consumer recycled paper	---	---
OfficeMax Perforated Pads	Office Depot OfficeMax	X			---	CPG	---	---	- 100% recycled paper - Total 40% post-consumer recycled content	---	---
OfficeMax Permanent Filing Labels	Office Depot OfficeMax	X			---	CPG	---	---	33% post-consumer recycled paper	---	---
OfficeMax Quadrille Pads	Office Depot OfficeMax	X			---	CPG	---	---	40% post-consumer recycled paper	---	---
OfficeMax Recycled File Tote	Office Depot OfficeMax	X			---	---	---	---	30% post-consumer recycled content	1 / --	---
OfficeMax Recycled Laser Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	---	30% post-consumer recycled paper	---	---
OfficeMax Recycled Letter/Legal File Box	Office Depot OfficeMax	X			---	---	---	---	30% post-consumer recycled paper	---	---
OfficeMax Recycled Multipurpose Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	No chlorine or chlorine compounds	100% post-consumer recycled paper	---	---
OfficeMax Recycled Notebooks	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled paper	---	---
OfficeMax Remanufactured Ink and Toner Cartridges	Office Depot OfficeMax	X			---	---	---	---	---	---	Keeps waste from entering landfills by utilizing used cartridges
OfficeMax Ruled Filler Paper	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% post-consumer recycled paper	---	---
OfficeMax White Mailing Tubes	Office Depot OfficeMax	X			---	---	---	---	35% post-consumer recycled content	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
OfficeMax Manila File Folders	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% post-consumer	---	---
OfficeMax Recycled Paper Clips	Office Depot OfficeMax	X			---	---	---	---	50% post-consumer	---	---
OfficeMax Recycled Plastic Clipboards	Office Depot OfficeMax	X			---	CPG	---	---	15% post-consumer	---	---
OfficeMax 1000 Series Premium Lateral Files	Office Depot OfficeMax	X			---	ANSI/BIFMA CPG	---	---	30% post-consumer	---	---
OfficeMax 26 1/2"-Deep Commercial Vertical Files	Office Depot OfficeMax	X			---	ANSI/BIFMA CPG	---	---	30% post-consumer	---	---
OfficeMax Biodegradable Packaging Peanuts	Office Depot OfficeMax	X			---	---	---	---	- 100% biodegradable - Leaves no toxic waste - Static-free organic cornstarch	---	---
OfficeMax Calculator/POS Rolls	Office Depot OfficeMax	X			---	CPG	---	---	40% post-consumer recycled paper	---	---
OfficeMax Continuous Form Paper	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled paper	---	---
OfficeMax Durable Round Ring Nonglare View Binders	Office Depot OfficeMax	X			---	CPG	---	---	- 100% post-consumer recycled chipboard - Total 42% recycled content	---	---
OfficeMax Flip Charts	Office Depot OfficeMax	X			---	---	---	---	40% recycled paper	---	---
OfficeMax Heavy-Duty Storage Boxes	Office Depot OfficeMax	X			---	---	---	---	78% post-consumer recycled content	---	---
OfficeMax Large Standard Sorter/Letter Tray/Drawer Combo	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---
OfficeMax Perforated and Prepunched Specialty Papers	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---
OfficeMax Pocket Memo Books	Office Depot OfficeMax	X			---	CPG	---	---	40% post-consumer recycled content	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
OfficeMax Recycled Inkjet Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	---	30% post-consumer recycled paper	---	---
OfficeMax Recycled Standard Staple Remover	Office Depot OfficeMax	X			---	---	---	---	30% post-consumer recycled content	---	Woman-owned business
OIC Recycled Full-Strip Stapler	Office Depot OfficeMax	X			---	---	---	---	20% post-consumer recycled plastic	---	Woman owned business
Oxford Earth in Mind Recycled Clear-Front Report Covers	Office Depot OfficeMax	X			---	SFI CPG	---	---	100% post-consumer recycled paper	---	---
Oxford Spiral-Bound Index Cards	Office Depot OfficeMax	X			---	SFI	---	---	10% post-consumer recycled paper stock	---	---
Oxford Manila Blank Card Guides	Office Depot OfficeMax	X			---	SFI	---	---	10% post-consumer recycled content	---	---
Paper Mate Earth Write Mechanical Pencils	HSC Office OfficeDepot/OfficeMax	X			---	---	---	---	- Biobased - Rapidly renewable	---	- Majority of components made from corn, a renewable resource - 20% lower carbon footprint per pen compared to conventional plastic pens
Paper Mate Earth Write Premium and Original Pencils	HSC Office OfficeDepot/OfficeMax	X			---	---	---	---	Pencil casings made with 100% recycled content	---	---
Paper Mate Earth Write Retractable Ballpoint Pen	HSC Office OfficeDepot/OfficeMax	X			---	---	---	---	- Biobased - Rapidly renewable	---	- Made from corn, an annually renewable resource - 22% lower carbon footprint per pen compared to conventional plastic pens
Paper Mate Write Bros. Ballpoint Stick Pens	Office Depot OfficeMax	X			---	---	---	---	80% total recycled content	---	---
Paper Products	Sustainable Island Products LLC	X			Oregon	Ecologo, Green Seal	---	---	PCR Post-consumer recycled content paper products.	---	Toilet Tissue, Multi-fold towels, beverage napkins, dinner napkins, lunch napkins.
Pendaflex CutLess/WaterShed Colored File Folder	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% Post-consumer	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Pendaflex Earthwise Recycled Colored Hanging Folders	Office Depot OfficeMax	X			---	SFI CPG	---	Acid-free	100% post-consumer (paper stock)	---	---
Pendaflex Sorters	Office Depot OfficeMax	X			---	SFI CPG	---	---	- Covers made with 30% Post-consumer recycled content - Dividers made with 10% Post-consumer recycled content	---	---
Pendaflex Steel Reinforced File Guides	Office Depot OfficeMax	X			---	SFI	---	Acid-free	30% post-consumer (pressboard)	---	---
Pentel EnerGel Deluxe Gel Ink Pens	Office Depot OfficeMax	X			---	CPG	---	---	50% post-consumer recycled content	---	---
Pentel SXS15 Handy-Line S Retractable, Refillable Highlighters	Office Depot OfficeMax	X			---	---	---	---	- 54% pre-consumer recycled content - Refillable	---	---
Pilot RexGrip BeBreen Mechanical Pencil	Office Depot OfficeMax	X			---	---	---	---	71.9% pre-consumer	---	---
Pilot Precise BeGreen Retractable Gel Ink Pen	Office Depot OfficeMax	X			---	CPG	---	---	82.5% post-consumer recycled content	---	---
Pilot Retractable Ballpoint Pens	Office Depot OfficeMax	X			---	CPG	---	---	78% post-consumer recycled content	---	---
Pilot Rollerball Pens	Office Depot OfficeMax	X			---	CPG	---	---	- 89% post-consumer recycled content - Refillable	---	---
Pilot V Super Color BeGreen Refillable Permanent Markers	HSC Office OfficeDepot/OfficeMax	X			---	---	---	---	- 92% pre-consumer recycled content - Refillable	---	---
Quality Park 2-Sided Inter-Department Envelopes	Office Depot OfficeMax	X			---	CPG	---	---	20% post-consumer content	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Quality Park Clear-Clasp Kraft Envelopes	Office Depot OfficeMax	X			---	SFI Chain of Custody	---	---	---	---	---
Quality Park Foam-Lined Disk Mailers	Office Depot OfficeMax	X			---	CPG	---	---	- 55% post-consumer paperboard - 100% recycled content	---	---
Quality Park Kraft Rolled Wrapping Paper	Office Depot OfficeMax	X			---	---	---	---	50% post-consumer recycled content	---	---
Quality Park Poly Mailers and Jumbo Mailers	Office Depot OfficeMax	X			---	---	---	---	Up to 25% post-industrial recycled content	---	---
Quality Park Redi-Seal Catalog Envelopes	Office Depot OfficeMax	X			---	CPG	---	---	100% post-consumer recycled content	---	---
Quality Park Reuseable Eco Envelopes	Office Depot OfficeMax	X			---	SFI Chain of Custody	---	---	- 30% post-consumer recycled content - Reusable - Packaging is made from 75% recycled content and is reusable	---	---
Quartet Premium-Porcelain Magnetic Markerboards	Office Depot OfficeMax	X			---	Cradle to Cradle Silver (porcelain)	---	---	---	---	---
Really Useful Boxes 100% Recycled Storage Box	Office Depot OfficeMax	X			---	---	---	---	Contains 100% total recycled content	---	---
Rebinder 2-pocket presentation folder	Office Depot OfficeMax	X			---	CPG	---	---	100% total recycled content: 15% pre-consumer, 85% post-consumer content	---	---
Rebinder Binders and Index Dividers	Office Depot OfficeMax	X			---	CPG	---	---	- Recycled corrugated cardboard or chipboard covers with 40-85% Post-consumer content - Durable	---	- Removable, reusable ring mechanism - More durable than vinyl
Rubbermaid Recycling Container	Office Depot OfficeMax	X			---	CPG	---	---	Made with 20- 30% post-consumer recycled content	---	---
SAFCO 5-Drawer Flat Files	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality	---	---	---	---	---
SAFCO Cava Collection Office furniture	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality ANSI/BIFMA	---	---	---	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
SAFCO Computer Disk/Data Cabinet	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality	---	---	---	---	---
SAFCO Door and Panel Coat Hooks	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality	---	---	---	---	---
SAFCO Scoot Double-Sided, 6-Shelf Book Cart	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality	---	---	---	---	---
SAFCO Stacking Chairs	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality ANSI/BIFMA	---	---	---	---	---
SAFCO Tubular Steel Wire Roll Files	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality	---	---	---	---	---
SAFCO Wire Shelf Racks	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality	---	---	---	---	---
SAFCO Multimedia Cart	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality	---	---	---	---	---
SAFCO Customizable Signs	Office Depot OfficeMax	X			---	GREENGUARD Indoor Air Quality	---	---	---	Limited Lifetime / --	---
Samsung Printers	Office Depot OfficeMax	X			---	ENERGY STAR	---	---	---	1 / --	---
San Jamar Touchless Tear-N-Dry ECO Towel Dispenser	Office Depot OfficeMax	X			---	---	---	---	40% Post-consumer recycled paper	---	Longest battery life in the industry, requiring less maintenance
Scotch C-40 and C-38 Desktop Dispensers	Office Depot OfficeMax	X			---	---	---	---	100% pre-consumer recycled material	---	---
Scotch-Brite Scrub Sponges	Office Depot OfficeMax	X			---	---	---	---	- Made with 23% recycled paper - Made with 100% natural fibers	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Scotch-Brite Scrub Sponges	Office Depot OfficeMax	X			---	---	---	---	- Made with 23% recycled paper - Made with 100% natural fibers	---	---
Seventh Generation Bathroom Tissue	Office Depot OfficeMax	X			USA	---	---	Made without chlorine or chlorine compounds	80% Post-consumer recycled content	---	- Free of dyes, inks and fragrances - Ideal for low-flow toilets
Seventh Generation Cleaning products	Office Depot OfficeMax	X			USA	USDA certified biobased	---	Made without harmful chemicals, dyes or fragrances	- Biobased - Bottle made from 25% Post-consumer recycled plastic	---	Made from plant-derived ingredients
Seventh Generation Dish detergent	Office Depot OfficeMax	X			USA	USDA certified biobased	---	Chlorine free	- No harmful chemicals, dyes or fragrances - Biobased	---	Made from plant-derived ingredients
Seventh Generation Laundry detergent	Office Depot OfficeMax	X			USA	USDA certified biobased	---	Nontoxic	Free of dyes, fragrances and enzymes - Biobased	---	Safe for septic and graywater systems
Seventh Generation Paper towels	Office Depot OfficeMax	X			USA	---	---	Chlorine free	100% Recycled paper	---	---
Simon Stor-A-File Storage Boxes	Office Depot OfficeMax	X			---	CPG	---	---	40% post-consumer recycled content	---	Minority-owned business enterprise
SJ PAPER Water-/Paper-Cut-Resistant Reinforced Manila File Folders	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	Minority-owned business enterprise
SJ PAPER Water-and Paper-Cut-Resistant Colored End-Tab Folders	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% post-consumer recycled content	---	Minority-owned business enterprise
SJ PAPER Classification Folios with Elastic Closures	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% post-consumer	---	Minority-owned business enterprise
SJ PAPER Fusion 6-in-1 Pressboard Classification Folders	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% post-consumer (covers)	---	Minority-owned business enterprise
SJ PAPER Pressboard End-Tab Classification Folders	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% post-consumer (covers)	---	Minority-owned business enterprise
SJ PAPER Pressboard File Folders	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% post-consumer (pressboard)	---	Minority-owned business enterprise
SJ Paper Color Index Cards	Office Depot OfficeMax	X			---	---	---	---	10% post-consumer recycled content	---	Minority-owned business enterprise

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Slim Jim Station Recycling Container	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---
SMEAD Hanging Classification Folders Folders	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% post-consumer (covers)	---	Woman owned business
SMEAD Tuff Expanding Wallets with Tab	Office Depot OfficeMax	X			---	SFI CPG	---	---	30% post-consumer (paper stock)	---	Woman owned business
South Coast Paper Boise Diverse Earth Multipurpose Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	---	30% post-consumer (paper stock)	---	Minority-owned business enterprise
Southworth Business 50% Recycled Paper	Office Depot OfficeMax	X			---	FSC Chain of Custody CPG	---	---	50% post-consumer recycled paper	---	---
Stride ForeverGreen Recyclable Kraft Eco Binders	Office Depot OfficeMax	X			---	CPG	---	---	- 80% post-consumer recycled chipboard - Quick release D-rings removable for reuse - All components recyclable at the end of useful life	---	---
Stride QuickFit Ledger Antimicrobial View Binders	Office Depot OfficeMax	X			---	CPG	---	---	50% post-consumer recycled plastic	---	- Antimicrobial vinyl helps prevent growth of bacteria and mold on the surface - Woman owned business
Targus Spruce EcoSmart Messenger Bag	Office Depot OfficeMax	X			---	---	---	---	Fabric: 80% post-consumer recycled plastic bottles	Limited lifetime / -	---
TENNSCO Add-A-Stack Steel Shelving System	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer	---	---
Ticonderoga Renew Recycled Tire Pencils	Office Depot OfficeMax	X			---	---	---	---	Pencil casings are made from 20% post-consumer recycled content	---	---
Tops Docket Diamond Top Wirebound Planner	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled content	---	---
Tops Second Nature Recycled Steno Pad	Office Depot OfficeMax	X			---	CPG	---	---	- 100% recycled paper - 40% post-consumer recycled content	---	---

OFFICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info
	Company Name	IS	SO	OI							
Tops Writing Tablets	Office Depot OfficeMax	X			---	CPG	---	---	40% post-consumer recycled paper	---	---
Tripp Lite ECO Series UPS System	Office Depot OfficeMax	X			---	RoHS	---	---	99% energy efficiency	---	ECO outlets automatically turns off idle equipment
Virtuo Legal Pads	Office Depot OfficeMax	X			---	CPG	---	---	30% post-consumer recycled paper	---	---
VTECH 2-Line DECT 6.0 Expandable Cordless Answering System	Office Depot OfficeMax	X			---	ENERGY STAR	---	---	---	1 / --	---
Wescott iPoint Razor KleenEarth Recycled Pencil Sharpener	Office Depot OfficeMax	X			---	---	---	---	- 70% recycled content - 30% post-consumer recycled content	---	---
Westcott Kleenearth with Microban Protection Scissors	Office Depot OfficeMax	X			---	---	---	---	- Handles made with 70% recycled plastic - Total 30% post-consumer recycled content	10 / --	---
Wilson Jones Round-Ring Binders	Office Depot OfficeMax	X			---	CPG	---	---	50% total recycled content with minimum of 43% post-consumer recycled content	---	Made with 100% recycled chipboard
Xerox Copiers and printers	Office Depot OfficeMax	X			---	ENERGY STAR	---	---	---	---	---
Xerox Recycled multipurpose paper	Office Depot OfficeMax	X			---	---	---	---	30% post-consumer recycled content	---	---
Zebra Eco Sarasa Clip Retractable Gel Pens	Office Depot OfficeMax	X			---	CPG	---	---	81% post-consumer recycled content	---	---
Zebra Eco Zebrite Double- Ended Highlighters	Office Depot OfficeMax	X			---	---	---	---	74% post-consumer recycled content	---	---
Zebra Eco Jimne Retractable Ballpoint Pens	Office Depot OfficeMax	X			---	CPG	---	---	75% post-consumer recycled content	---	---

VEHICULAR PRODUCTS

LOOK FOR PRODUCTS WITH:

- Reclaimed, Reused and/or Recycled content
- Cleaning supplies that are: Water-based, Rapidly renewable and/or Biodegradable
- Zero or Low VOC
- Recyclability

Product Name	Distribution				Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/ Lifespan	Additional Info
	Company Name	IS	SO	OI							
Aerovirement TurboCord Dual Voltage EVSE	EvStructure/Retrofit Hawaii		X		Monrovia, CA	---	---	---	Aerovirement helps reduce greenhouse gas emissions through encouraging	3 year/	Smallest portableEVSE with dual 120V/140V capability. Compact, portable design
Biodiesel	Big Island Biodiesel, Pacific Biodiesel Technologies	X			Hawaii	---	Zero VOC	non-toxic	<ul style="list-style-type: none"> • Locally produced from recycled waste oils •Renewable fuel •Reduced emissions compared to fossil diesel (smoke, sulfur dioxide, particulate matter, carbon monoxide and aromatics) • Improves lubricity compared to conventional diesel fuel leading to longer engine life •Biodegradable at the rate of sugar 	shelf life: 1-2 years	<ul style="list-style-type: none"> • Is a safer alternative to petroleum diesel • Easily blended with any ratio of conventional diesel resulting in lower emissions • Members of Sustainable Biodiesel Alliance, HREA, Honolulu Clean Cities, Green List Hawaii
Clipper Creek LCS 25 Level 2 EVSE	EvStructure/Retrofit Hawaii		X		Auburn, CA	---	---	---	Clipper Creek helps reduce greenhouse gas emissions through encouraging	3 year/	Smallest residential level 2 available, up to 20 Amps continuous, qualified with all vehicles available today.
Diesel Exhaust Fluid (DEF)	AirBlue HI LLC	X			Hawaii	ISO 22241-1	0% (w/w)	Non-Toxic	For catalytic abatement of nitrogen oxide emissions from diesel exhaust. EPA requirement in new diesel trucks and buses.	Minimum 1 yr.at 86°F	Available in drums or bulk on-site delivery. Locally made.
Easy Rider Speed Bump Speed Bump	GP Roadway Solutions	X			La Salle, Quebec Canada	---	---	---	<ul style="list-style-type: none"> - 100% recycled rubber from tires - Reused - Recyclable 	1-3 / 4-5	Compound made from recycled rubber from tires
Eco-Clean Green Drying Towel Automotive or home use	City Mill	X			USA	---	---	---	<ul style="list-style-type: none"> - Rapidly renewable - Biobased 	---	<ul style="list-style-type: none"> - Made from bamboo fibers - Naturally anti-bacterial
EcoReco scooter	EvStructure/Retrofit Hawaii		X		San Jose, CA	---	---	---	Powered by a rechargeable Lithium Iron Phosphate battery.	2 yrs (frame) and 9 mos (battery)/10 years (battery)	Emits neither air pollution nor greenhouse gases during operation. Can be charged via a standard electric outlet at home, in the office or at a coffee shop. Lightweight foldable and compact.
Freedom ONE Waterless Car Wash	Toolmaster Hawaii Inc	X			Fircrest, WA	---	---	---	<ul style="list-style-type: none"> - Water-based - Biodegradable 	---	Conserves water resources

VEHICULAR PRODUCTS (cont.)

Product Name	Distribution			Origin of Supply	Third Party Certification	VOC Levels	Toxicity	Environmentally Preferable Features	Warranty/Lifespan	Additional Info	
	Company Name	IS	SO								OI
OpConnect Mark II Level 1, 2 EVSE	EvStructure/Retrofit Hawaii		X		Portland, OR	---	---	---	OpConnect is designed for the future when EVs will be used as power resources (vehicle-to-grid or vehicle-to-home). OpConnect helps reduce greenhouse gas emissions through encouraging mass adoption of electric vehicle technology	1 year/	All OpConnect charging stations use the OpConnect network that captures all charging session data including, energy used, length of charge, number of sessions per day, week, or month, etc.
Park It Parking Curb Wheel Stop, Parking Block	GP Roadway Solutions	X			La Salle, Quebec Canada	---	---	---	- 100% recycled rubber from tires - Reused - Recyclable	1-3 / 4-5	Compound made from recycled rubber from tires
Safety Rider Mini Hump Speed Hump	GP Roadway Solutions	X			La Salle, Quebec Canada	---	---	---	- 100% recycled rubber from tires - Reused - Recyclable	1-3 / 4-5	Compound made from recycled rubber from tires
Speed Bump Traffic Calming Speed Bump	Safety Systems Hawaii, Inc.	X			USA	---	---	---	100% recycled tire rubber	---	---
Wheel Stop Parking lot wheel stops	Safety Systems Hawaii, Inc.	X			USA	---	---	---	100% recycled plastic	---	---

FOOD SERVICE PRODUCTS

- LOOK FOR PRODUCTS WITH:**
- Third-party certification
 - Compostability
 - Reusability
 - Recyclability
 - Made from/with plant based starch
 - Made from/with recyclable content

THIRD-PARTY CERTIFICATION PROGRAMS:



Look for the label!



COMPOSTABLE
IN INDUSTRIAL FACILITIES

Check locally, as these do not exist in many communities. **Not suitable for backyard composting.** CERT # SAMPLE

Product Name	Distribution				Origin of Supply	Sizes	Quantity	Third Party Certification	% of Recycled Content	Environmentally Preferable Features	Additional Info
	Company Name	IS	SO	OI							
20389 Georgia-Pacific Preference MF Towel	HFM FoodService	X			USA	--	4,000 sheets	Green by Design	40%	- Made from recycled materials - Can help earn LEED credits	- Bright white shade - Thick and absorbent to quickly and thoroughly dry hands while reducing excessive usage
31436 Georgia-Pacific Preference 1/8 fld Napkin	HFM FoodService	X			USA	--	3,000	Eco Logo, BPI	100%	- Compostable	- 2-ply embossed dinner napkin
37402 Georgia-Pacific MorNap® Full Fld Napkin	HFM FoodService	X			USA	--	6,000	BPI	---	- Compostable	- 2-ply embossed dinner napkin - Low cost-per-use napkin - Strong and absorbent
37835 Georgia-Pacific MorNap® Jr. Full Fold Napkin	HFM FoodService	X			USA	--	7,200	BPI, Green by Design, Processed Chlorine Free	30%	- Compostable - Can help earn LEED credits	- 2-ply embossed dinner napkin - Low cost-per-use napkin - Strong and absorbent
4-Cup Holder	KYD, Inc.	X			China	--	500/cs	BPI	100%	Renewable Sugarcane Fiber	Sturdy & Strong. Refrigerator, freezer, & microwave safe. Handles hot liquids to 190°F. Meets ASTM D6400 Standards. Composts in 1-4 months
6" Clamshell	KYD, Inc.	X			China	6"	500/cs	BPI	100%	Renewable Sugarcane Fiber	Sturdy & Strong. Refrigerator, freezer, & microwave safe. Handles hot liquids to 190°F. Meets ASTM D6400 Standards. Composts in 1-4 months
6" Fork, Spoon, Knife	KYD, Inc.	X			USA & China	6"	1000/cs	BPI Certified	100%	Plant Corn Starch	- Eating utensils
8, 12, & 16 oz Bowls	KYD, Inc.	X			USA	8oz, 12oz, 16oz	500 & 1000/cs	BPI Certified	100%	PLA Lined	Meets ASTM D 6868 composting standard
89440 Georgia-Pacific enMotion® Roll Towel	HFM FoodService	X			USA	--	7 Rolls, 700'	Green Seal, EcoLogo, Green by Design	100%	- 100% recovered material with at least 50% post-consumer, and processed chlorine free - Can help earn LEED credits	- 700" roll is long lasting and reduces maintenance costs and refill - High quality towel

FOOD SERVICE PRODUCTS (cont.)

Product Name	Distribution			Origin of Supply	Sizes	Quantity	Third Party Certification	% of Recycled Content	Environmentally Preferable Features	Additional Info	
	Company Name	IS	SO								OI
American Panel	Pacific Restaurant Supply			X	Ocala, FL	---	---	-LEED Member, U.S. Green Building Council	-Using Ozone friendly Refrigerants	---	---
Bagasse 10" & 12" Oval Plate	KYD, Inc.	X			China	10", 12"	500/cs	-BPI	100%	-Renewable Sugarcane Fiber	-Sturdy & Strong -Refrigerator, freezer, & microwave safe -Handles hot liquids to 190°F -Meets ASTM D6400 Standards -Composts in 1-4 months
Bagasse 9" Plate- 1 & 3-compartment	KYD, Inc.	X			China	9"	500/cs	-BPI	100%	-Renewable Sugarcane Fiber	-Sturdy & Strong -Refrigerator, freezer, & microwave safe. Handles hot liquids to 190°F. Meets ASTM D6400 Standards. Composts in 1-4 months
Bakers Pride	Pacific Restaurant Supply		X		Allen, TX	---	---	-Energy Star	--	---	-RoHS Compliant
BAMware 27 & 32 oz Bowls	KYD, Inc.	X			China	27oz, 32oz	500/cs	--	100%	-Bamboo & All Natural Fibers	-Meets ASTM 6400 standard for composting (industrial facilities) -No plastic or wax lining -Compostable in 1-4 months -Sturdy & Strong.
BAMware 6" Plate	KYD, Inc.	X			China	6"	1000/cs	--	100%	-Bamboo & All Natural Fibers	-Meets ASTM 6400 standard for composting (industrial facilities). -No plastic or wax lining -Compostable in 1-4 months -Sturdy & Strong
BAMware 6", 8", 9" Clamshells	KYD, Inc.	X			China	6", 8", 9"	500/cs & 200/cs	--	100%	-Bamboo & All Natural Fibers	-Meets ASTM 6400 standard for composting (industrial facilities) -No plastic or wax lining -Compostable in 1-4 months -Sturdy & Strong
Beverage Air	Pacific Restaurant Supply	X			Winston-Salem, NC	---	---	-Energy Star	-Using Ozone friendly Refrigerants	---	--
Clay Coat Paper Trays	Sustainable Island Products LLC	X			California	-Sizes .5, 1, 2, 2.5, 3, 5LB	Average is 500 to 1000/cs varies by item	-BPI	---	-Made with clay-coat instead of petroleum wax or liner. Recyclable or compostable.	---
Cold Drink Cups & Lids	Sustainable Island Products LLC	X			California	-Sizes 3, 4, 5, 7, 9, 12, 16, 20, 24oz; 1size lid fits 9-24oz cups.	Average is 1,000/cs varies by item	-BPI	---	-Made with PLA (corn sugars), Compostable, Non-toxic, Petroleum free	-Flat and dome lids are available with or without holes -Souffle line available too. 2, 3, 4oz with lids

FOOD SERVICE PRODUCTS (cont.)

Product Name	Distribution			Origin of Supply	Sizes	Quantity	Third Party Certification	% of Recycled Content	Environmentally Preferable Features	Additional Info	
	Company Name	IS	SO								OI
Continental Refrigeration	Pacific Restaurant Supply	X			Bensalem,Pa.	---	---	-Energy Star, NSF, UL	Utilizing CFC free refrigerants	---	---
Fiber Bowls	Jimmy's Sales	X			California	-6oz, 8oz,12oz,16oz, 24oz,32oz	6-16oz: 50/pk, 500/cs; 24-32oz: 125/pk, 500/cs	BPI	---	-Wheatstraw fiber. - No plastic or wax lining	- Lids available for 8-16oz - Microwave and freezer safe - Soak proof (refer to vendor)
Fiber Clamshells	Sustainable Island Products LLC	X			California	-Sizes 6, 7, 9, 10"; 1 and 3 compartment	Average 1,000/cs	BPI	100% recycled	-Made from sugarcane and wheat straw fiber	---
Fiber Clamshells	Jimmy's Sales	x			California	-8.5", 9" single compt.	50/pk, 300/cs	BPI	---	-Wheatstraw fiber. - No plastic or wax lining	-Microwave and freezer safe -Soak proof (refer to vendor) -Multiple compt., and PLA clamshells available
Fiber Plates	Sustainable Island Products LLC	X			California	-Sizes 6,8,9"	Average 300/cs	BPI	100% recycled	-Made from sugarcane and wheat straw fiber	---
Fiber Plates	Jimmy's Sales	X			California	-6",7",9",10" round -9",10",12" oval -10" compt. (x3)	6-9" round: 20/pk, 1000/cs; 10" round: 20/pk, 800/cs; 9" oval: 50/pk, 1000/cs; 10"-12" oval: 125/pk, 500/cs; 10"compt.: 20/pk, 700/cs	BPI	---	-Wheatstraw fiber. - No plastic or wax lining	-Microwave and freezer safe -Soak proof (refer to vendor)
Hinged Hoagie Cont. 1&2 Compartment	KYD, Inc.	X			China	---	250/cs	BPI	100%	-Renewable Sugarcane Fiber	-Sturdy & Strong -Refrigerator, freezer, & microwave safe -Handles hot liquids to 190°F -Meets ASTM D6400 Standards -Composts in 1-4 months
Hot Paper Cups w/ Inego™ lining	Jimmy's Sales	X			California	4oz, 6oz, 8oz, 10oz, 12oz, 16oz, 20oz	50/pk, 1000/cs	BPI, FSC	---	-PLA lined w/ Elemental Chlorine Free paper -Compostable -Non-toxic	-Lids available

FOOD SERVICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Sizes	Quantity	Third Party Certification	% of Recycled Content	Environmentally Preferable Features	Additional Info
	Company Name	IS	SO	OI							
IFN Green 12 oz, 14 oz, 16 oz, Barrel Bowls	KYD, Inc.	X			China	12oz, 14oz, 16oz	300 & 500/cs	-BPI	100%	-Renewable Sugarcane Fiber	-Sturdy & Strong -Refrigerator, freezer, & microwave safe -Handles hot liquids to 190°F -Meets ASTM D6400 Standards -Composts in 1-4 months
IFN Green 8" 3-Compartment hinged container	KYD, Inc.	X			China	8"	200/cs	-BPI	100%	-Renewable Sugarcane Fiber	-Sturdy & Strong -Refrigerator, freezer, & microwave safe -Handles hot liquids to 190°F -Meets ASTM D6400 Standards -Composts in 1-4 months
IFN Green 8" Clamshell	KYD, Inc.	X			China	8"	200/cs	-BPI	100%	-Renewable Sugarcane Fiber	-Sturdy & Strong -Refrigerator, freezer, & microwave safe -Handles hot liquids to 190°F -Meets ASTM D6400 Standards -Composts in 1-4 months
Inego™ Cold Cups	Jimmy's Sales	X			California	3oz, 5oz, 6oz, 7oz, 9oz	50/pk, 2000/cs, 2500/cs for 3oz cups	-BPI	---	-Made from PLA -Compostable -Non-toxic	- Flat and domed lids available
Inego™ Paper Hot Bowls	Jimmy's Sales	X			California	-6oz, 8oz, 12oz, 16oz, 24oz, 32oz	6-8oz: 50/pk, 1000/cs; 12-32oz: 50/pk, 500/cs	-BPI, FSC	---	-PLA lined w/ Elemental Chlorine Free paper -Compostable -Non-toxic	-Compostable lids are available for 8oz, 12oz, 16oz, and 32oz
Livestock Feed	Pacific Biodiesel Technologies		X		Hawaii Island		Zero VOC	-non-toxic	-Locally produced from waste agriculture		-Protein analysis available on request
Manitowac Ice Machines	Pacific Restaurant Supply		X		Manitowac, Wisconsin	---	---	-Energy Star, NSF, Member U.S. Green Building Council	-Non CFC Refrigerants	---	---
Masterbilt Refrigeration	Pacific Restaurant Supply		X		New Albany, Miss.	---	---	-Energy Star, Member U.S. Green Building Council	-Using Ozone friendly Refrigerants	---	-Utilizing LED lighting in numerous Cabinets.

FOOD SERVICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Sizes	Quantity	Third Party Certification	% of Recycled Content	Environmentally Preferable Features	Additional Info
	Company Name	IS	SO	OI							
Paper Hot Bowls & Lids	Sustainable Island Products LLC	X			California	-Sizes 8, 12, 16, 24, 32oz -Round 1 size lid fits 12-32oz. bowls	Average is 1,000/cs varies by item	-BPI, FSC	---	PLA Lined FSC certified paper cups, Compostable, Non-toxic, Petroleum free	Compostable lids are available.
Paper Hot Cups & Lids	Sustainable Island Products LLC	X			California	-Sizes 4, 8, 12, 16, 20, 24oz -Round1 size lid fits 12-24oz. cups	1,000/cs	-BPI, FSC	---	PLA lined w/ Elemental Chlorine Free paper, Compostable, Non-toxic, Petroleum free	Compostable lids are available.
PLA Clear Clamshells &To-Go Plate Lunch Boxes	Sustainable Island Products LLC	X			California	-Sizes 6" & 8" single compartment, 9" loaf, Sushi trays	Average is 250/cs varies by item	-BPI	---	Made with PLA (corn sugars), Compostable, Non-toxic, Petroleum free	---
PLA Clear Deli Containers	Sustainable Island Products LLC	X			California	-Sizes 8, 12, 16, 24, 32oz -Round 1 size lid fits 8-32oz.	Average is 1,000/cs varies by item	-BPI	---	-Made with PLA (corn sugars), Compostable, Non-toxic, Petroleum free	-Rectangular 1 size lid fits 8-16oz and 1 size lid fits 24-32oz.
True Refrigeration	Pacific Restaurant Supply			X	O'Fallon,MO.	-Energy Star, NSF	---	---	-Using a blowing agent with zero G.W.P.	---	-Developing new refrigeration equipment to run on Natural Refrigerants
Utensils	Jimmy's Sales	X			California	-Knife, Fork, Spoon, Assorted	Packs and cases vary by product	-BPI	---	-70% non-GMO PLA, 30% talc -Compostable	-Heat resistant up to 200°F
Utensils	Sustainable Island Products LLC	X			California		1,000/cs	-BPI	---	-TPLA made from talc and non-GMO corn starch, Compostable, Non-toxic, Petroleum free	-Stable up to 200 degrees, Fork, Spoon, Knife, Spork, Taster spoon, Utensil sets, Soup spoon, Ice cream spoon
Vulcan Ovens	Pacific Restaurant Supply		X		Louisville,Ky.	-Energy Star	---	---	---	---	---
World Centric Clear cold boxes, rounds bowls, and clams.	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.	X	X		Hawaii	-6" to 9" -8oz - 32oz	500-1000	-BPI, USDA Biobased Product	---	-Compostable	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated

FOOD SERVICE PRODUCTS (cont.)

Product Name	Distribution			Origin of Supply	Sizes	Quantity	Third Party Certification	% of Recycled Content	Environmentally Preferable Features	Additional Info
	Company Name	IS	SO								OI
World Centric Cold clear cups & Lids	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.		X		Hawaii	-3oz to 32oz 600-2500	-BPI, USDA Biobased Product,	---	-Compostable	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated
World Centric Cutlery	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.	X			Hawaii	-Knife, fork, spoon, taster, wrapped and sets 250-3000	-BPI, USDA Biobased Product	---	-Compostable	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated
World Centric Fiber Bowls	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.	X			Hawaii	-2oz to 34oz 300-2000	-BPI, USDA Biobased Product	---	-Compostable -Gluten free	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated
World Centric Fiber Plates	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.	X			Hawaii	-6" to 12"oval 500-1000	-BPI, USDA Biobased Product	---	-Compostable -Gluten free	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated

FOOD SERVICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Sizes	Quantity	Third Party Certification	% of Recycled Content	Environmentally Preferable Features	Additional Info
	Company Name	IS	SO	OI							
World Centric Fiber To Go Boxes, Clams and Trays	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.	X			Hawaii	-6"x6" to 10"x7.5"	200-1000	-BPI, USDA Biobased Product	---	-Compostable -Gluten free	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated
World Centric Hot cups sleeves	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.	X			Hawaii	-8oz -10-20oz	1000	-BPI, USDA Biobased Product,	100% PC recycled	-Compostable	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated
World Centric Hot Paper cups & lids	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.	X			Hawaii	-4oz to 20oz	500-1000	-BPI, USDA Biobased Product, FSC	---	-Compostable	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated
World Centric Napkins & Towels	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.	X			Hawaii	Lunch, Dinner, Multi-fold	3000-4500	-BPI, USDA Biobased Product,	100% PCW recycled	-Compostable	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated

FOOD SERVICE PRODUCTS (cont.)

Product Name	Distribution				Origin of Supply	Sizes	Quantity	Third Party Certification	% of Recycled Content	Environmentally Preferable Features	Additional Info
	Company Name	IS	SO	OI							
World Centric Reusable Compostable plates and bowl	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.		X		Hawaii	-9" and 10" plate -20oz bowl	50	-Testing underway	---	-Compostable, reusable, dishwasher safe	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated
World Centric Straws	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.	X			Hawaii	-Wrapped -Unwrapped -Jumbo	600-2500	-BPI, USDA Biobased Product,	---	-Compostable	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated
World Centric Waste Bags and liners	Diamondhead Distributors (Wholesale/Retail) Hansen VIP Malolo Premium Inc. Suisan Company, Ltd.		X		Hawaii	3gal to 55gal	100- 500	-BPI, USDA Biobased Product,	---	-Compostable	-B Corp, 1% for the Planet, Carbon Neutral, 25% of profits donated

SERVICES

Service Type	Company Name	Description	Environmentally Preferable Features
Custom Mouldings & Millwork	Architectural Woods, L.P.	-For both residential & commercial projects	-Supplying & manufacturing FSC projects -Recycling sawdust and waste responsibly
Acoustical Design and Engineering Services	D. L. Adams Associates, Ltd. 970 N. Kalaheo Dr. Suite A311 Kailua, HI 96734	-Provides engineering, consulting and test and measurement services in Acoustics and noise control applicable to LEED and Hi-CHPS	-US Green Building Council member -Provides LEED and Hi-CHPS building design for required acoustical criteria for Schools -Provides independent Operational Report Card (ORC) acoustical testing for CHPS Verification, and ORC preparation
Better Safer High Value Household Products	Safe Day Events	-Shop local in a state of the art store for household cleaners, body products (bathing and pharmacy), skin care, etc. with only biodegradable and natural ingredients	Conservation efforts to reduce the runoff from our treatment plants starts with individual home use. We help families make a smart change.
Building Enclosure Commissioning	Pacific SBS	-Commissioning the building's "envelope"	Improves energy efficiency through reduced air leakage across the building's exterior. Reduces potential for water/moisture problems. Improves air quality of the building
Building System Commissioning	Pacific SBS	-Building systems commissioning (Cx)	-Improves energy efficiency of the building, maintenance, life of equipment
Cabinetry, doors, millwork and other custom woodworking	Mokulua Woodworking, Ltd. DBA Mokulua High Performance Builder	-Full service cabinet, doors and woodworking shop	-Manufacturing sustainable products with available third party certification, using local and reclaimed materials from deconstructed homes to local fell timber
Carpet Cleaning	Honey Bee Cleaners LLC	-Deep down cleaning & hot water extraction, Carpet Shampoo, Steam Cleaning	-Using environmentally safe cleaning products, Steam clean
Construction	Photonworks Engineering LLP	-Sustainable Design Build Construction	-Sustainable Building Features
Consulting, Training, Building Performance Testing	Green Building Hawaii	-Full service LEED and Energy consultants providing comprehensive third party consulting services. Sectors served include resort, commercial, and residential. Hawaii's top training service provider in the field of LEED and energy efficiency	-Full-service LEED and energy consultants. LEED credits target sustainable site development, water savings, energy efficiency, materials and resources selection, and indoor environmental quality
Consulting-Testing-Certification	Pohaku Consulting	-Full service green building, testing and inspection firm specializing in verification of homes and developments desiring to get their project officially certified under the National Green Building Standard	-Home Energy Rater authorized to inspect and test homes for compliance with the ENERGY STAR New Homes program
Consulting-Testing-Certification	Woodbury Green Building Consultation	-Provides sustainable building consultation, verification inspection and performance testing	-Certified to meet the highest national Green Building industry standards as a LEED Accredited Professional, and ENERGY STAR Rater, and is also a member of the US Green Building Council and Residential Energy Services Network (RESNET)

SERVICES (cont.)

Service Type	Company Name	Description	Environmentally Preferable Features
Education & Training: Homeownership, Financial Literacy, Home Building/Repair	Training Center at Kalaeloa - Nanakuli Housing Corporation	-Culturally-based education and training in homeownership and financial literacy -Train eligible families to do self-help repairs -Programs are provided free of charge to families of low to moderate income, primarily Hawaiian Homestead families on the island of O'ahu	-Homeownership builds a vested interests in the local environment -Increases mortgage success rates ensure long term ownership -Increase home durability through maintenance and repairs reduces the need for new materials -Building with locally produced materials saves resources, energy and minimizes the need to harvest, produce, transport and distribute new material
Energy	Photonworks Engineering LLP	-Photovoltaic design installation and Service	-Renewable Energy
Energy	Photonworks Engineering LLP	-LED lighting design & installation	-Energy Efficient Lighting
Energy	Photonworks Engineering LLP	-HVAC	-Energy Efficient HVAC
Floor Cleaning	Honey Bee Cleaners LLC	-Strip, Seal, Wax, Polish, Degrease, Auto-scrub, Deep-scrub	-Using environmentally safe chemicals
Furniture restoration	PF Restoration Company	-Recycle/refurbish metal furniture	-Keeps items from entering the landfill -Reduces raw material demand for production of new products
Furniture, cabinetry and specialty millwork	Mokulua Woodworking, Ltd. DBA Mokulua High Performance Builder	-Constructing furniture, cabinets and millwork from local fell timber	-Keeps local timber from being mulched or entering green waste, uses raw material that would normally be wasted -Promotes local timber and not imported products, supports Hawaii's economy
Grease Trap and Used Cooking Oil Recycling	Pacific Biodiesel Logistics	-Pick-up of grease trap waste and used cooking oil for local recycling into biodiesel -Servicing Maui, Lanai, Molokai, Oahu and Hawaii Island	-Keeps waste oils out of landfills and waste water streams and into local, sustainable biodiesel production -Contributes to local energy security
Home building, remodeling and renovation	Mokulua Woodworking, Ltd. DBA Mokulua High Performance Builder	-Full service green building firm, only certified green builder in Hawaii (by National Association of Homebuilders) and Energy Star Builder Partner	-Building third party certified (Energy Star, LEED for Homes and NGBS) homes that are more efficient, environmentally responsible and healthy for homeowners.
Net-Zero Water	Roth Ecological Design International, LLC (REDI)	-Comprehensive water infrastructure planning towards managing non potable water resources onsite.	-Water conservation, Water Audits, Cost-savings, multi-functional landscapes, aesthetically pleasing
One-Of-Clean	Honey Bee Cleaners LLC	-One time cleaning, After party, Move-in/Move-out	-Using environmentally safe chemicals and practices

SERVICES

Service Type	Company Name	Description	Environmentally Preferable Features
Plant grower and consultation	Hawaiian Sunshine Nursery	-Grow plants for Live Roof vegetated roofing system, also provide plant consultation	-Reduces storm water runoff -Increase useful lifespan of room -Reduces heat island effect -Sequesters carbon -Reduces power consumption by providing additional insulation -Removes VOC's -Creates additional wildlife habitat
Recycling services	Aloha Recycling	-Certified Redemption Center for HI5 beverage container refunds	-Recycling saves energy, natural resources and landfill space; by recycling, we help the environment and save the land for future generations
Recycling services	Plas-Tech Ltd.	-Acetone recycling	-Reduces amount of hazardous waste material for disposal
Reusable and Surplus Building Material	Baseyard Sand Island - Nanakuli Housing Corporation	-Collects and distributes reusable, surplus construction materials to families, schools and nonprofit organizations at little or no cost -Excess materials are made available to the public at a discount and proceeds are used to fund NHC's programs	-Provide environmentally and socially responsible way to keep good, reusable materials out of the waste stream while providing funding for NHC's community improvement work -Buying locally salvaged materials instead of new saves resources, energy, and minimizes the need to harvest, produce, transport and distribute new material
Reusable and Surplus Building Material	Habitat for Humanity ReStores	- Nonprofit organization - ReStore resale outlets sell reusable and surplus building materials to the public - Proceeds help local Habitat affiliates fund the construction of Habitat homes within their communities	-ReStore resale outlets provide an environmentally and socially responsible way to keep good, reusable materials out of the waste stream while providing funding for Habitat's community improvement work -Buying locally salvaged materials instead of new saves resources, energy, and minimizes the need to harvest, produce, transport and distribute new material
Stormwater Treatment Best Management Practices	Roth Ecological Design International, LLC (REDI)	-Planning, design and build of Low Impact Design and Development (LID) -rain catchment, surface flow wetlands, floating wetland islands, bio retention, rain gardens, and bios wales	-Multi-functional landscapes to manage storm water onsite.
Third party consulting and development	Mokulua Woodworking, Ltd. DBA Mokulua High Performance Builder	-Consultation, project development/management for developers, architects interested in building High Performance Homes to achieve State and/or Federal requirements including Energy Star, LEED and NGBS certification thresholds.	-Educating developers, architects, builders and interested public on the importance of building to standards of Energy Star, NGBS or programs such as LEED. Offering cost savings packages for supplies and certification for developments, homes and offices
Tree cutting and removal	Mokulua Woodworking, Ltd. DBA Mokulua High Performance Builder	-Removing fell timber and resawing for use in cabinet shops, furniture shops and local wood crafts	-Prevents mulching and green waste, preserves local timber and exotics for local use and dilutes the need to import exotic wood species
Used Material Resource, Deconstruction Services & Waste Reduction Consulting	Re-use Hawai'i	-Non-profit organization is a licensed demolition contractor providing full scope of Deconstruction Services for residential, industrial, and commercial projects -Free waste reduction consulting service. -Used building material warehouse open to the public	-Deconstruction preserves material for reuse and recycling and minimizes construction and demolition waste from entering local landfills -Buying locally produced, salvaged material instead of new saves trees and energy, and minimizes the need to harvest, produce, transport, and distribute new material
Water Features / Wetland Technologies	Roth Ecological Design International, LLC (REDI)	-Planning, design and build of natural swimming pools, water features, and aquaculture/aquaponics.	-Cost-savings, multi-functional landscapes, aesthetically pleasing
Window Cleaning	Honey Bee Cleaners LLC	-Storm windows, Double Hung, Single Hung, Doors, Skylights, Sunrooms	-Ammonia free chemicals. Pure water cleaning system

V. APPENDICES

Appendix A. EPA Comprehensive Procurement Guidelines: Additional Product Types

Construction Products (additional)

Modular Threshold Ramps

Material	Postconsumer Content (%)	Total Recovered Material Content (%)
Steel ¹	16-67	25-100
Aluminum	--	10
Rubber	100	100

Nonpressure Pipe

Material	Postconsumer Content (%)	Total Recovered Material Content (%)
Steel	16 67	25-30 100
HDPE	100	100
PVC	15-May	25-100
Cement	Refer to the cement and concrete specifications	

Railroad Grade Crossing Surfaces

Surface Material	Recovered Material	Postconsumer Content (%)	Total Recovered Material Content (%)
Concrete	Coal Fly Ash ²	--	15-20
Rubber ³	Tire rubber	--	85-95
Steel	Steel	16 67	25-30 100
Wood ⁴	Wood or Wood Composite	90-97	90-97
Plastic ⁵	Plastic or plastic composite	85-95	100

¹ The recommended recovered materials content levels for steel in this table reflect the fact that the designated item may contain steel manufactured in either a Basic Oxygen Furnace (BOF) or an Electric Arc Furnace (EAF), or a combination of both. Steel from the BOF process contains 25% - 30% total recovered steel, of which 16% is postconsumer. Steel from the EAF process contains 100% total recovered steel, of which 67% is postconsumer. According to industry sources, modular threshold ramps containing a combination of BOF and EAF steel would contain 25% - 85% total recovered steel, of which 16% - 67% would be postconsumer. Since there is no way of knowing which type of steel was used in the manufacture of the item, the postconsumer and total recovered material content ranges in this table encompass the whole range of possibilities, i.e., the use of EAF steel only, BOF steel only, or a combination of the two. These recommendations are for modular threshold ramps. EPA understands that ramps may also be constructed of cement and concrete. For these ramps, procuring agencies should follow the procurement guidelines for cement and concrete containing recovered materials.

² Coal fly ash can be used as an ingredient of concrete slabs, pavements, or controlled density fill product, depending on the type of concrete crossing system installed. Higher percentages of coal fly ash can be used in the concrete mixture; the higher percentages help to produce more workable and durable product but can prolong the curing process.

³ The recommended recovered materials content for rubber railroad grade crossing surfaces are based on the weight of the raw materials, exclusive of any additives such as binders or adhesives.

⁴ Railroad grade crossing surfaces made from recovered wood may also contain other recovered materials such as plastics. The percentages of these materials contained in the product would also count toward the recovered materials content level of the item.

⁵ Railroad grade crossing surfaces made from recovered plastics may also contain other recovered materials such as auto shredder residue, which contains a mix of materials. The percentages of these materials contained in the product would also count toward the recovered materials content level of the item.

Construction Products (additional, cont.)

Roofing Materials

Material	Postconsumer Content (%)	Total Recovered Material Content (%)
Steel*	16 67	25-30 100
Aluminum	20-95	20-95
Fiber (felt) for Fiber Composite	50-100	50-100
Rubber	12-100	100
Plastic or Plastic/Rubber Composite	100	100
Wood/Plastic Composite	--	100
Cement	Refer to the cement and concrete specifications	

Shower and Restroom Dividers / Partitions

Material	Postconsumer Content (%)	Total Recovered Material Content (%)
Steel	16 67	25-30 100
Plastic	20-100	20-100

Structural Fiberboard and Laminated Paperboard⁶

Product	Material	Postconsumer Content (%)	Total Recovered Material Content (%)
Structural Fiberboard	--	--	80-100
Laminated Paperboard	Postconsumer Paper	--	100

Nonpaper Office Products (additional)

Office Recycling Containers and Waste Receptacles

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Plastic	20-100	--
Steel	16	25-30
Paper		
Corrugated	25-50	25-50
Solid Fiber Boxes	40	--
Industrial Paperboard	40-80	100

* See page 138 for reference

⁶ The recovered materials content levels are based on the weight (not volume) of materials in the insulating core only.

Nonpaper Office Products (additional, cont.)

Plastic Desktop Accessories⁷

Product	Material	Postconsumer Content (%)
Plastic Desktop Accessories	Polystyrene	25-80

Plastic Envelopes⁸

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Plastic	25	25-30

Plastic Trash Bags⁹

Product	Material	Postconsumer Content (%)
Plastic Trash Bags	Plastic	10-100

Printer Ribbons¹⁰

Recommendations for Printer Ribbons
Procure reinked or reloaded printer ribbons
Procure printer ribbon reinking or reloading services

Toner Cartridges

Recommendations for Toner Cartridges
Procure remanufacturing services for expended cartridges
Obtain remanufactured toner cartridges or new toner cartridges made with recovered materials when remanufacturing is not possible

Paper and Paper Products (additional)

Miscellaneous Paper Products

Item	Postconsumer Fiber (%)	Recovered Fiber (%)
Tray Liners	50-75	100

⁷ EPA's recommendation does not preclude procuring agencies from purchasing a desktop accessory manufactured from another material, such as paper, wood or steel. It simply recommends that, when purchasing plastic desktop accessories, procuring agencies purchase these items made from recovered materials.

⁸ EPA's recommendation does not preclude procuring agencies from purchasing envelopes from another material such as paper. It simply requires that a procuring agency, when purchasing plastic envelopes made from plastic, purchase these items made from recovered materials when these items meet applicable specifications and performance requirements.

⁹ EPA's recommendation does not preclude procuring agencies from purchasing a trash bag manufactured using another material, such as paper. It merely recommends that procuring agencies, when purchasing plastic trash bags, purchase items made from recovered materials.

¹⁰ Minimum content standards are not appropriate for remanufactured items, such as printer ribbons, because a core part of the item is reused in the new product, even though certain components of a printer ribbon might contain recovered materials.

Park and Recreation Products

Park Benches and Picnic Tables

Product	Postconsumer Content (%)	Total Recovered Materials Content (%)
Plastics ¹¹	90-100	100
Plastic composites	50-100	100
Aluminum	25	25
Concrete	--	15-40
Steel*	16 67	25-30 100

Plastic Fencing¹²

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Plastics	60-100	90-100

Playground Equipment

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Plastics ¹³	90-100	100
Plastic composites	50-75	95-100
Steel*	16 67	25-30 100
Aluminum	25	25

Park and Recreation Products (cont.)

Playground Surfaces¹⁴

Material	Postconsumer Content (%)
Rubber or Plastic	90-100

Running Tracks¹⁵

Material	Postconsumer Content (%)
Rubber or Plastic	90-100

¹¹ "Plastics" includes both single and mixed plastic resins. Park benches and picnic tables made with recovered plastics may also contain other recovered materials such as sawdust, wood, or fiberglass. The percentage of these materials contained in the product would also count toward the recovered materials content level of the item.

* See page 138 for reference

¹² Designation includes fencing containing recovered plastic for use in controlling snow or sand drifting and as a warning/safety barrier in construction or other applications.

¹³ "Plastics" includes both single and mixed plastic resins. Playground equipment made with recovered plastics may also contain other recovered materials such as wood or fiberglass. The percentage of these materials contained in the product would also count toward the recovered materials content level of the item.

¹⁴ EPA's recommendation does not preclude procuring agencies from purchasing playground surfaces manufactured from another material. It simply recommends that procuring agencies, when purchasing playground surfaces made from rubber or plastic, purchase these items made from recovered materials. The recommended recovered materials content levels are based on the dry weight of the raw materials, exclusive of any additives such as adhesives, binders, or coloring agents.

¹⁵ EPA's recommendation does not preclude procuring agencies from purchasing running tracks manufactured from another material. It simply recommends that procuring agencies, when purchasing running tracks made from rubber or plastic, purchase these items made from recovered materials. The recommended recovered materials content levels are based on the dry weight of the raw materials, exclusive of any additives such as adhesives, binders, or coloring agents.

Transportation Products

Channelizers, Delineators, and Flexible Delineators¹⁶

Product	Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Channelizers	Plastic	25-95	25-95
	Rubber** (base only)	100	100
Delineators	Plastic	25-90	25-90
	Rubber (base only)	100	100
	Steel* (base only)	16 67	25-30 100
Flexible Delineators	Plastic	25-85	25-85

Transportation Products (cont.)

Parking Stops¹⁷

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Plastics and/or Rubber ¹⁸	100	--
Concrete Containing Coal Fly Ash ¹⁹	--	20-40 ³
Concrete Containing Ground Granulated Blast Furnace Slag (GGBF)	--	25-70

Traffic Barricades

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Plastics (HDPE, LDPE, PET)	80-100	100
Steel*	16 67	25-30 100
Fiberglass	--	100

¹⁶ EPA's recommendation does not preclude a procuring agency from purchasing channelizers, delineators, or flexible delineators manufactured from another material. It simply requires that a procuring agency, when purchasing these items made from rubber, plastic, or steel, purchase them made with recovered materials when these items meet applicable specifications and performance requirements.

** See page 138 for reference

* See page 138 for reference

¹⁷ Transportation products containing recovered materials must conform to the Manual on Uniform Highway Traffic Control Devices used by the Federal Highway Administration, as well as other applicable federal requirements and specifications.

¹⁸ Parking stops made with recovered plastics may also include other recovered materials such as sawdust, wood, or fiberglass. The percentage of these materials contained in the product would also count toward the recovered materials content level of the parking stops.

¹⁹ Generally, 20 to 30 percent, but could be up to 40 percent. Fifteen percent when used as a partial cement replacement as an admixture in concrete.

Traffic Cones

Material	Postconsumer Content (%)	Total Recovered Materials Content (%) ²⁰
Plastics (PVC and LDPE)	--	50-100
Crumb rubber	--	50-100

Vehicular Products

Engine Coolants

Recommendations for Recovered Engine Coolants
EPA recommends that procuring agencies whose vehicles are serviced by a motor pool or vehicle maintenance facility establish a program for engine coolant reclamation and reuse that consists of either reclaiming the spent engine coolants onsite for use in the agencies' vehicles or establishing a service contract for reclamation of the agencies' spent engine coolant for use in the agencies' vehicles.
EPA also recommends that procuring agencies request reclaimed engine coolant when having their vehicles serviced at commercial service centers. Additionally, EPA recommends that agencies purchase reclaimed engine coolant when making direct purchases of this item, such as when necessary to make up for losses due to leakage or spillage.

Vehicular Products (cont.)

Engine Coolants (cont.)

Recommendations for Recovered Engine Coolants (cont.)
EPA does not recommend one type of engine coolant over another. EPA recommends, however, that procuring agencies purchase engine coolant containing only one base chemical, typically ethylene glycol or propylene glycol, to prevent the commingling of incompatible types of engine coolant.

Rebuilt Vehicular Parts

Recommendations for Rebuilt vehicular Parts
EPA recommends that procuring agencies whose vehicles (passenger vehicles as well as medium- and heavy-duty equipment, including trucks, cranes, off-road vehicles, and military vehicles) are serviced by a motor pool or vehicle maintenance facility establish a service contract to require the use of rebuilt vehicular parts in the agencies' vehicles or establish a program for vehicular parts rebuilding and reuse consisting of either recovering a used vehicular part and rebuilding it, replacing it with a rebuilt part, or contracting to have the part replaced with a rebuilt part. This designation applies to vehicles served by both on-site and commercial facilities.
To be labeled "rebuilt" or "remanufactured," a part must be processed in accordance with the FTC's "Guides for the Rebuilt, Reconditioned and Other Used Automotive Parts Industry," 16 CFR Part 20.

²⁰ The recommended recovered materials content levels are based on the dry weight of the raw materials, exclusive of any additives such as adhesives, binders, or coloring agents.

Re-Refined Lubricating Oil

Recommendations for Re-Refined Lubricating Oil

EPA recommends that procuring agencies set their minimum re-refined oil content standard at the highest level of re-refined oil that they determine meets the statutory requirements of RCRA section 6002(c)(1), but no lower than 25 percent re-refined oil.

EPA recommends that procuring agencies review their procurement practices and eliminate those which would inhibit or preclude procurement of lubricating oils containing re-refined oil. For example, procuring agencies should review the practices of inviting bids and issuing contracts to do the following:

- Supply a broad range of lubricating oil products on an “all or none” basis.
- Supply lubricating oils for an excessively long period of time.
- Deliver lubricating oils to geographic locations throughout the United States or to an excessively broad geographic area. Supply excessively large contract quantities.

Retread Tires

Recommendations for Retread Tires

EPA recommends that procuring agencies establish preference programs consisting of two components:

- Procurement of tire retreading services for the agencies' used tire casings:

EPA recommends that procuring agencies specify that tire repair and retread services must conform to Federal Specification ZZ-T-441H (or current version).

- Procurement of tires through competition between vendors of new tires and vendors of retread tires:

EPA recommends that procuring agencies specify that retread tires must meet the requirements of Federal Specification ZZ-T-381, “Tires, Pneumatic, Vehicular (Highway) (New and Retreaded).

Miscellaneous Products

Awards and Plaques²¹

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Glass	75-100	100
Wood	--	100
Paper	40-100	40-100
Plastic and Plastic/Wood Composite	50-100	95-100

Bike Racks

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Steel *	16	25-30
HDPE	100	100

²¹ EPA's recommendations do not preclude a procuring agency from purchasing awards and plaques manufactured from other materials. They simply require that a procuring agency, when purchasing glass, wood, paper, or plastic awards or plaques, purchase these items containing recovered materials when the item meets applicable specifications and performance requirements.

* See page 138 for reference

Blasting Grit

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Steel *	16-67	25-100
Coal Slag	--	100
Copper and Nickel Slag	--	100
Bottom Ash	--	100
Glass	100	100
Glass/Plastic	20	100
Fused Alumina Oxide	100	100
Walnut Shells	--	100

Industrial Drums²²

Product	Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Steel Drums	Steel ²	16	25-30
Plastic drums	HDPE	30-100	30-100
Fiber drums	Paper	100	100

Miscellaneous Products (cont.)

Manual-Grade Strapping

Product	Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Polyester strapping	PET	50-80	50-85
Polypropylene strapping	PP	-	Oct-40
Steel strapping ¹	Steel	16 67	25-30 100

Mats²³

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Rubber	75-100	85-100
Plastic	10-100	100
Rubber/Plastic Composite	100	100

* See page 138 for reference

²² EPA's recommendations do not preclude a procuring agency from purchasing another type of industrial drum. They require that a procuring agency, when purchasing industrial drums made from steel, plastic, or fiber, purchase these items made with recovered materials when they meet applicable specifications and performance requirements.

²³ EPA's recommendations do not preclude a procuring agency from purchasing mats made from other materials. They simply require that procuring agencies, when purchasing mats made from rubber and/or plastic purchase them made with recovered materials when these items meet applicable specifications and performance requirements.

Pallets²⁴

Product	Material (%)	Postconsumer Content (%)
Wooden Pallets	Wood	95-100
Plastic		
Plastic lumber	Plastic	100
Thermoformed	Plastic	25-50
Paperboard pallets	Paperboard	50

Signage

Item/Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Plastic signs ²⁵	80-100	80-100
Aluminum signs	25	25
Plastic sign posts/supports	80-100	80-100
Steel sign posts/supports*	16 67	25-30 100

Miscellaneous Products (cont.)

Sorbents Used in Oil and Solvents Cleanups and for Use as Animal Bedding

Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Paper	90-100	100
Textiles	95-100	95-100
Plastics	--	25-100
Wood ²⁶	--	100
Other Organics/Multi-Materials ²⁷	--	100

²⁴ EPA's recommendation does not preclude a procuring agency from purchasing pallets manufactured from another material. It simply requires that a procuring agency, when purchasing pallets made from wood, plastic, or paperboard, purchase these items made with recovered materials when these items meet applicable specifications and performance requirements.

²⁵ Plastic signs and sign posts are recommended for nonroad applications only, such as, but not limited to, railway signs in parks and directional/informational signs in buildings.

* See page 138 for reference

²⁶ "Wood" includes materials such as sawdust and lumber mill trimmings.

²⁷ Examples of other organics include, but are not limited to, peanut hulls and corn stover. An example of multimaterial sorbents would include, but not be limited to, a polymer and cellulose fiber combination.

Appendix B. Further Reading

American Recovery and Reinvestment Act of 2009 (ARRA 2009)

Full bill

http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=111_cong_bills&docid=f:h1enr.pdf

What it means to you?

<http://www.energy.gov/taxbreaks.htm>

Buildinggreen.com:

Distributor of the Environmental Building News, BuildingGreen online suite, GreenSpec product directory, and LEEDuser web tool

www.buildinggreen.com

Economic Stabilization act of 2008 (P.L. 110-343)

http://www.energy.gov/media/HR_1424.pdf

Energy policy act of 2005 (EPACT) Summary:

http://www.epa.gov/lab21gov/pdf/energy_policy508.pdf

Full bill:

http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=109_cong_bills&docid=f:h6enr.txt.pdf

ENERGY STAR for new Homes

http://www.energystar.gov/index.cfm?c=new_homes.hm_index

Hawai'i Building Products Directory

Guide to building materials and services in Hawai'i by the Honolulu Chapter of the Construction Specifications Institute (CSI).

<http://www.hawaiibuildingproductsdirectory.com/>

Incentives/Policies for Renewables & Efficiency in the State of Hawai'i, from DSIRE website:

Provides current information on state, local, utility and federal incentives and policies that promote renewable energy and energy efficiency such as the Solar and Wind Energy Credit.

<http://www.dsireusa.org/incentives/index.cfm?getRE=1?re=undefined&ee=1&spv=0&st=0&srp=1&state=HI>

National Green Building Program (NAHBGreen):

Provides educational resources, advocacy tools, a credible green standard, and referrals to a national green home certification system.

<http://www.nahbgreen.org>

NAHB Green Scoring Tool Spreadsheet

<http://www.nahbgreen.org/ScoringToolSpreadsheet.aspx>

Sweets Network Green Products

<http://products.construction.com/>

United States Environmental Protection Agency (EPA)

The federal authority on current environmental issues, technology, and regulations.

www.epa.gov

United Nations Globally Harmonized System (GHS) Criteria

<http://www.osha.gov/dsg/hazcom/ghs.html>

U.S. Green Building Council (USGBC)

Provides resources for green building including the internationally-recognized green building certification system: Leadership in Energy and Environmental Design (LEED).

<http://www.usgbc.org/>

Why Use a RESNET-Certified Auditor or Rater?

<http://www.resnet.us/why-use-resnet-auditor-or-rater>

VI. RESOURCES

Sick Building Syndrome (SBS): <http://www.socialgreenrealestateblog.com/?p=1295>

Logos:

California Air Resource Board <http://www.arb.ca.gov/>

CarbonFree <http://www.carbonfund.org/>

Certified Green Building Engineers (GBE) <http://www.aeecenter.org/i4a/pages/index.cfm?pageID=3354>

Certified Green Professional (CGP) <http://www.nahb.org/category.aspx?sectionID=1174>

Collaborative for High Performance Schools (CHPS) <https://www.chpsregistry.com/live/>

Cool Roof Rating Council (CRRCC) <http://www.coolroofs.org/>

CRI Plus and CRI Seal of Approval <http://www.carpet-rug.org/>

Cradle to Cradle <http://mbdc.com/detail.aspx?linkid=2&sublink=8>

Design for the Environment <http://www.epa.gov/dfe/>

EcoLogo <http://www.ecologo.org/en/greenproducts/>

ENERGY STAR <http://www.energystar.gov/>

Epeat <http://www.epeat.net/>

FloorScore <http://www.scscertified.com/gbc/floorscore.php>

Forest Stewardship Council (FSC) <http://www.fsc.org/>

Global Organic Textile Standard (GOTS) <http://www.global-standard.org/the-standard.html>

GREENGUARD <http://www.greenguard.org/en/index.aspx>

Greener Product http://www.greenerproduct.com/learn/GPCertificationSEAL/Home_GP_Certification7.aspx

Green Globes <http://www.greenglobes.com/>

GreenSeal <http://www.greenseal.org/Home.aspx>

Green Wise <http://www.greenwisepaint.com/about/>

LEED AP (Accredited Professional) <http://www.usgbc.org/DisplayPage.aspx?CategoryID=19>

VII. INDEX By Local Distributors, Manufacturers & Representatives #A

CSI #	VENDOR or MANUFACTURER	PAGE #				
09 00 00 FINISHES	9Wood 5817 Ahakea St Kapaa, HI 96746 T 888-767-9990 F 888-767-9998 www.9wood.com sales@9wood.com	48,49		07 00 00 THERMAL & MOISTURE PROTECTION	Advanced Roofing Technology, Inc. 98-833 Leihulu Pl Aiea, HI 96701 T 808-235-5542 F 808-235-5543 www.advanced-roofing.com corporate@advanced-roofing.com	36, 42, 45
	A			CLEANING	Advanced Vapor Technologies, LLC 5901 23 Dr W Ste 103 Everett, WA 98203 T 800-997-6584 F 425-775-1993 www.advap.com vapor@advap.com	102, 104
CLEANING	ABC Corporation 94-085 Leonui St. Waipahu, HI 96797 T 808-671-2671 F 808-671-1567 llob@abccorporationhawaii.com	103		22 00 00 PLUMBING	AirReps Hawai'i 1734 Kanakauni St Honolulu, HI 96819 T 808-846-9270 F 808-846-9279 www.airreps-hi.com sales@airreps-hi.com	78, 83
07 00 00 THERMAL & MOISTURE PROTECTION	ABC Supply 749 Mapunapuna St Honolulu, HI 96819 T 808-836-8077 F 808-836-8091 http://www.abcsupply.com/ millerenterprises@me.com	38, 39,41		23 00 00 HVAC	AL&E LED Lightning and Energy Solutions 521 Ala Moana, Pier 2, Ste. 260 Honolulu, HI 96813 T 808-626-5331 www.al-e.com info@al-e.com	86
09 00 00 FINISHES	Above View By Tiles, Inc 4750 S. Tenth St Milwaukee, WI 53221 T 414-744-7118 F 414-744-7119 www.aboveview.com Headquarters@aboveview.com	49		26 00 00 ELECTRICAL	Alakona Corp. 2906 Kaihikapu St Honolulu, HI 96819 T 808-833-1991 F 808-833-6422 www.alakona.com betsy@alakona.com	92
23 00 00 HVC	A.C. Warehouse, Inc. 670 Auahi St, I-10 Honolulu, HI 96813 300 Hukilike St, Suite E Kahului, HI 96732 T 808-545-3084 F 808-599-4957 acwarehouse1@yahoo.com	82, 83		32 00 00 ENTERIOR IMPROVEMENTS	Aloha Recycling 75 Amala Pl Kahului, HI 96732 T 808-871-8544 F 808-873-6364 www.aloha-recycling.com questions@aloha- recycling.com	124
07 00 00 THERMAL & MOISTURE PROTECTION	Admor HVAC Products 2225 Hoonee Pl Honolulu, HI 96819 T 808-841-7400	38		SERVICES		

CSI #	VENDOR or MANUFACTURER	PAGE #		PAGE #
07 00 00 THERMAL & MOISTURE PROTECTION	Aluminum Shake Roofing, Inc. 5 Sand Island Access Rd, #108 Honolulu, HI 96819 T 808-847-8885 F 808-847-8009 www.aluminumshakerroofing.com	39		
SERVICES	AMEL Technologies, Inc. Manoa Innovation Center 2800 Woodlawn Dr, Suite 251 Honolulu, HI 96822 T 808-988-0200 F 808-988-0204 http://ameltech.com	124		
09 00 00 FINISHES	American Carpet One 302 Sand Island Access Rd Honolulu, HI 96819 T 808-832-2060 F 808-832-2060 www.americancarpetone.com aaron.okamoto@americancarpetone.com	53, 54, 56, 57, 59		
06 00 00 WOOD PLASTICS & COMPOSITES	American Plastic Lumber, Inc. 3867 Dividend Dr, Suite B Shingle Springs, CA 95682 T 530-677-7700 F 530-677-6718	31,32, 72,90, 122		
12 00 00 FURNISHINGS	94-081 Pauanane Loop Mililani, HI 96789 www.american-plasticlumber.com apl@directcon.net			
32 00 00 EXTERIOR IMPROVEMENTS				
VEHICULAR				
22 00 00 PLUMBING	AquaMaker-Hawai'i Green Builders Depot 550 Paiea, #126 Honolulu, HI 96819 T 808-385-3121 F 210-588-9960 www.aquamaker-hawaii.com belinda@aquamaker-hawaii.com	82, 83		
23 00 00 HVAC				
46 00 00 WATER & WASTEWATER EQUIPMENT				
07 00 00 THERMAL & MOISTURE PROTECTION	Architectural & Engineering Systems Inc. 3229 Koapaka St Honolulu, HI 96819 T 808-833-1844 F 808-839-1400 archenghi@yahoo.com		40,41	
09 00 00 FINISHES	Architectural Surfaces Inc. 560 N. Nimitz Hwy., Ste. 217E Honolulu, HI 96817 T 808-523-7866 F 808-523-8199 www.asi-hawaii.com asi@pixi.com		57, 66	
06 00 00 WOOD PLASTICS & COMPOSITES	Architectural Woods Inc. 2825 Ualena St Honolulu HI, 96819 T 808-833-1600 www.awi-wa.com sales@awi-wa.com		57, 66	
09 00 00 FINISHES	Armstrong Commercial Flooring 2423 Loy Ln Los Angeles, CA 90041 T 323-333-5178 F 323-257-3737 www.armstrong.com/flooring rdrodriguez@armstrong.com		56, 58,59	
11 00 00 EQUIPMENT	The Bathroom Store 667 Puuloa Rd Honolulu, HI 96819 T 808-843-2005 F 808-843-1224 www.tbshi.com sales@tbshi.com		70,78, 81,83	
22 00 00 PLUMBING				
23 00 00 HVAC				
VEHICULAR	Big Island Biodiesel 16240 Mikahala St Shipman Business Park Keaau, HI 96749 bigislanddiesel.com		122	
48 00 00 ELECTRICAL POWER GENERATION	Blue Pacific Energy LLC P.O. Box 790752 Paia, HI 96779 T 808-280-5432 www.bluepacificenergy.com info@bluepacificenergy.com		96, 97	

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08 00 00 OPENINGS	Breezway 99-1451 Koaha Pl, Suite 1 Aiea, HI 96701 T 808-484-5999 F 808-484-5959 www.breezway.com shawn.moseley@breezway.com	45
48 00 00 ELECTRICAL POWER GENERATIO N	Bonterra Renewable Energy & Solar Power T 808-548-SOLR http://www.bonterasolar.com	94, 96
03 00 00 CONCRETE	Castleblock Hawai'i P.O. Box 6097 Hilo, HI 96720 T 800-672-7872 F 808-965-9779 http://castleblock.com castleblock@mail.com	29
06 00 00 WOOD PLASTICS & COMPOSITES	Central Pacific Supply Corp./ Tile Mart 855 Ahua St Honolulu, HI 96819 T 808-839-1952 F 808-834-0963 www.TileMart.com cpsHawaii@msn.com	31,32, 72,90, 122
12 00 00 FURNISHING S		
32 00 00 EXTERIOR IMPROVE- MENTS		
VEHICULAR		
22 00 00 PLUMBING	Central Supply, Inc. 31 Makaala St Hilo, HI 96720 T 808-961-5855 F 808-961-5271 centralsupplyinc@aol.com www.centralsupplyhawaii.com	80, 81
23 00 00 HVAC	Certified Laboratories 224 Mokauea St Honolulu, HI 96819 T 808-842-0708 F 808-842-4046 www.certifiedlabs.com Loves002@hawaii.rr.com	84, 93, 122
46 00 00 WASTE AND WASTE- WATER EQUIPMENT		
VEHICULAR		
07 00 00 THERMAL & MOISTURE PROTECTION	CETCO 2870 Forbs Ave Hoffman Estates, IL 60192 T 800-527-9948 F 847-851-1304 www.cetco.com scott.solotorovsky@cetco.com	40, 41
22 00 00 PLUMBING	Charlotte Pipe and Foundry Company 2109 Randolph Rd Charlotte, NC 28207 T 704-348-6412 F 704-348-2221 www.charlottepipe.com gnahrgang@charlottepipe.com	80, 81
09 00 00 FINISHES	City Mill 660 N. Nimitz Hwy Honolulu HI 96817 T 808-533-3811 F 808-529-5871	65, 74, 75, 77, 78, 80, 82,83, 85, 86, 87,88, 91,101, 102, 104, 123
11 00 00 EQUIPMENT		
12 00 00 FURNISHING S	333 Keahole St Honolulu, HI 96825 T 808-396-5151 F 808-396-4455	
22 00 00 PLUMBING		
23 00 00 HVAC	3086 Waiialae Ave Honolulu, HI 96816 T 808-735-7636 F 808-735-3680	
26 00 00 ELECTRICAL		
32 00 00 EXTERIOR IMPROVEME NTS	46-209 Kahuhipa St Kaneohe, HI 96744 T 808-247-2181 F 808-235-6658	
CLEANING		
VEHICULAR	95-455 Maka'imo'imo St Mililani, HI 96789 T 808-623-3100 F 808-623-3133	
	98-1277 Kaahumanu St Aiea, HI 96701 T 808-487-3636 F 808-488-7768	
	86-120 Farrington Hwy Waianae, HI 96792 T 808-696-6996 F 808-696-8726	
	94-157 Leoleo St Waipahu, HI 96797 T 808-671-1746 F 808-677-2449 www.citymill.com	

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SERVICES	Cleanway, Inc. 1003 Makepono St Honolulu, HI 96819 T 808-851-7117 F 808-851-7119 www.cleanwayHI.com cleanway@biodiesel.com	124		23 00 00 HVAC	Division X, Inc. 800 Bethel St, Suite 400 Honolulu, HI 96813 T 808-528-2448 F 808-531-2295 www.divisionxinc.com sales@divisionxinc.com	83
07 00 00 THERMAL & MOISTURE PROTECTION	Commercial Roofing & Waterproofing Hawai'i Inc 2002 Kahai St Honolulu, HI 96821 T 808-841-7246 F 808-841-0053 www.commercialroofinginc.com contact@commercialroofinginc.com	40		09 00 00 FINISHES	DuPont Surfaces Hawai'i Willis Supply Corporation 1049 Kikowaena Pl. Honolulu, HI 96819 T 808-341-7199 www.4willis.com lindat@4willis.com	50
07 00 00 THERMAL & MOISTURE PROTECTION	Cool Roof Hawai'i PO Box 934 Honolulu, HI 96808 T 808-282-0477 F 808-441-3180 www.coolroofhawaii.com info@coolroofhawaii.com	38		07 00 00 THERMAL & MOISTURE PROTECTION	Duratek Inc. 816 Gulick Ave Honolulu, HI 96819 T 808-848-7000 F 808-842-0800 david@lava.net	38
09 00 00 FINISHES	Custom Countertops Inc. 94-078 Leokane St Waipahu, HI 96797 T 808-677-5050 F 808-671-8677 wmly@msn.com	50, 51		12 00 00 FURNISHING S	Dwyer Products Corporation 1000 Davey Rd, Suite 100 Woodridge, IL 60517 T 800-822-0092 F 630-741-7974 www.dwyerproducts.com nwilliams@dwyerproducts.com	73
23 00 00 HVAC	D&D Air Conditioning-Refrigeration, LLC 95-706 Lewanuu St Mililani, HI 96789 T 808-623-1335 F 808-623-2043 ddrefac@hotmail.com	83		OFFICE	E ECOBAGS.com 23-25 Spring St, Suite 302 Ossining, NY 10562 T 800-720-2247 F 914-371-4867 www.ecobags.com info@ecobags.com	105
23 00 00 HVAC	Discount Lighting & Fans 349 - B Hanakai St Kahului, HI 96732 T 808-871-8776 F 808-871-8776 www.discontlightinghawaii.com hawaiianfan@cs.com	82, 83, 86, 87, 88		CLEANING	Ecolab 401 Waiakamilo Rd, Suite 101B Honolulu, HI 96817-4955 T 800-352-5326 F 866-402-1302	99, 100
26 00 00 ELECTRICAL				26 00 00 ELECTRICAL	Eco-Lite P.O. Box 283311 Honolulu, HI 96828 T 808-923-4271 F 808-923-5275	

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06 00 00 WOOD PLASTICS & COMPOSITES	EMEE Kitchens & Baths, LLC 98-029 Hekaha Street Suite 1 Aiea, HI 96701 T 808-484-5354 F 808-484-5344 www.emeekitchens.com emeekitchen.bath@gmail.com	32	09 00 00 FINISHES	Evergreen by Debra, LLC 59,60 47-388 Kamehameha Hwy Kaneohe, HI 96744 T 808-239-6599 F 800-216-9163 www.EvergreenbyDebra.com Jeff@EvergreenbyDebra.com
48 00 00 ELECTRICAL POWER GENERATIO N	EnergyPro Hawai'i 825 Halekauwila St Honolulu, HI 96813 T 808-596-2890 F 808-596-2893 www.energyprohawaii.com energyprohawaii@gmail.com	95	32 00 00 EXTERIOR IMPROVE- MENTS	Exacta Sales, Inc. 92 2815 Ualena St Honolulu, HI 96819 T 808-840-1919 F 808-840-1921 www.exactasales.com exacta@hawaii.rr.com
46 00 00 WATER AND WASTE- WATER EQUIPMENT	Enviniti LLC 535 Ward Ave, #210 Honolulu, HI 96814 T 808-596-2378 x23 F 808-596-2063 www.enviniti.com contactus@enviniti.com	93	F	Fab-Form Industries Unit 212 29 6333 148th St Surrey, BC V3S 3C3 Canada T 604-596-3278 T 888-303-3278 www.fab- form.com joey.fearn@fab- form.com
SERVICES	Environment Hawai'i, Inc. 124 72 Kapiolani St Hilo, HI 96720 T 808-934-0115 environment- hawaii.org ptummons@gmail.com		03 00 00 CONCRETE	Ferguson 79 801 Moowaa St Honolulu, HI 96817 T 808-832-7473 F 808-832-7409 www.ferguson.com
CLEANING	Envirox, LLC 100, 1938 E. Fairchild St Danville, IL 61832 T 217-442-8596 F 217-442-2568 www.enviroxclean.com enviroxinfo@enviroxclean.com	101	22 00 00 PLUMBING	Fireplace & Home Center 67 256 Kamehameha Ave Hilo, HI 96720 T 808-961-5646 F 808-961-5623 www.fireplacehawaii.com jeffrey@fireplacehawaii.com
07 00 00 TERMAL & MOISTURE PROTECTION	Equinox Hawai'i 35 54-245 Anoilei Pl Hauula, HI 96717 T 808-271-2545 www.equinoxhawaii.com equinoxhawaii@gmail.com		10 00 00 SPECIALTIES	Foamtech Hawai'i LLC 58,66 1243 Ala Alii St Apt #125 Honolulu, HI 96818 T 808-487-9190 F 808-487-9190 www.foamtech.co.kr/eng02/ FoamtechHawaii@gmail.com
			09 00 00 FINISHES	Futura Stone of Hawai'i 90 1082 Sand Island Parkway Honolulu, HI 96819 T 808-841-7440 F 808-841-7440 www.futurastonehawaii.com info@futurastonehawaii.com

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11 00 00 EQUIPMENT	GOC Technologies 623 Kakoi St SPC 1 Honolulu, HI 96819 T 808-839-1300 F 808-839-1312 www.goctechnologies.net griff@goctechnologies.net	68	03 00 00 CONCRETE	Green Builder's Depot 550 Paiea St, Suite 126 Honolulu, HI 96819 T 808-839-9700 F 808-626-5478 www.greenbuildersdepotintl.com greenbuildersdepot@hawaiiante l.net	29, 34, 35, 39, 40, 42, 52, 53, 55, 56, 60, 61, 62, 63, 64, 66, 81, 85, 91, 93, 98, 99, 100, 101,10 3
26 00 00 ELECTRICAL	Goldwings Supply Service, Inc 110 Kapalulu Pl Honolulu, HI 96819 T 808-833-6020 F 808-834-4690 www.goldwings-supply.com sales@goldwings-supply.com	86, 92	06 00 00 WOOD PLAS- TICS & COMP.		
32 00 00 EXTERIOR IMPROVE- MENTS	GP Roadway Solutions 660 Mapunapuna Honolulu, HI 96817 153A Alamaha St Kahului, Maui, HI 96732 74 5489 Loloku St Bay A Kailua-Kona, HI 96740 T 808-833-2502 F 808-833-836 x1496 GPRoadwaySolutions.com nperreira@gproadwaysolutions. com	91,92	07 00 00 THERMAL & MOISTURE PROTECTION		
07 00 00 THERMAL & MOISTURE PROTECTION	Grainger 2833 Paa St Honolulu, HI 96819-4406	42, 80,98, 99,100 , 101,10 3, 104,10 9, 110	09 00 00 FINISHES		
22 00 00 PLUMBING	Second St, Bldg 209 Kaneohe Bay, HI 96863 T 808-423-0028 F 808-423-0031 www.grainger.com		CLEANING		
CLEANING			22 00 00 PLUMBING		
OFFICE			26 00 00 ELECTRICAL		
			32 00 00 EXTERIOR IMPROVEME NTS		
			46 00 00 WATER & WASTE- WATER EQUIPMENT		
			SERVICES	Green Building LLC 2381 Waipua St Pa'ia, HI 96779 T 808-873-2040 F 808-871-1514 www.GreenBuildingHawaii.co m info@GreenBuildingHawaii.co m	124
			48 00 00 ELECTRICAL POWER GENERATIO N	GreenPath Technologies, Inc. 754 Ilaniwai St Honolulu, HI 96813 P.O. Box 29877 Honolulu, HI 96820 T 808-748-8418 F 808-443-0607 http://greenpath-tech.com	94, 95,96
			07 00 00 THERMAL & MOISTURE PROTECTION	H HAAS Insulation 819 Moowaa St, Suite 105 Honolulu, HI 96817 T 808-845-0775 F 808-845-0684 www.haasinsulation.net awallen@haasinsulation.net	36,37

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SERVICES	Habitat for Humanity ReStore http://www.habitat.org/restores/ Leeward, Oahu (808) 682-8411 Honolulu, Oahu (808) 538-7171 Kauai (808) 335-0296 East Hawaii, Hilo (808) 935-6677 West Hawaii, Kona (808) 331-8010 Maui (808) 986-8050	126	11 00 00 EQUIPMENT	Hawai'i Home Expo 2933 Koapaka St Honolulu, HI 96819 T 808-695-3976 F 808-690-9224 www.hawaiihomeexpo.com fay@tokitradingltd.com	70, 78
CLEANING	Hansen Foodservice 96-1282 Waihona St Pearl City, HI 96782 T 808-456-3334 F 808-455-5666 http://hansenhawaii.com	103	07 00 00 THERMAL & MOISTURE PROTECTION	Hawai'i Insulation 94 Muliwai Ave Wahiawa, HI 96786 T 808-621-6562 F 808 622-3404 hawaiiinsulation@hawaii.rr.com	37
03 00 00 CONCRETE	Hawaiian Cement, Cement Division 99-1300 Halawa Valley St Aiea, HI 96701 T 808-673-4208 F 808-441-7608 www.hcflyash.com george.stewart@hawaiiancement.com	29	09 00 00 FINISHES	Hawai'i Kitchen and Bath 201 Kapaa Quarry Rd, Unit 7A Kailua, Hawai'i 96734 T 808-261-0357 www.hawaiikitchenandbath.com	50,51
07 00 00 THERMAL & MOISTURE PROTECTION SERVICES	Hawaiian Sunshine Nursery 41-436 Hihimanu St Waimanalo, HI 96795 T 808-259-7295 F 808-259-8196 oahuhsn@hawaiinursery.com 2191 Ainaola Dr Hilo, HI 96720 T 808-959-4088 F 808-959-4089 hilohsn@hawaiinursery.com www.hawaiinursery.com	42, 124	08 00 00 OPENINGS	Hawai'i Skylights and Solar Fans 3420 McCorriston St Honolulu, HI 96815 T 808-847-6527 F 808-976 5250 Kahului, Maui, HI Kailua-Kona, Hawai'i, HI T 808-345-1779 www.hawaiiskylights.com info@hawaiiskylights.com	47, 83
23 00 00 HVAC	Hawaiian Island Solar 111 Hekili St, Ste A-462 Kailua, HI 96734 T 808-261-9740 F 808-259-9871 www.hawaiianislandsolar.com info@hawaiianislandsolar.com	84	23 00 00 HVAC		

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07 00 00 THERMAL & MOISTURE PROTECTION	Home Depot 421 Alakawa St Honolulu, HI 96817 T 808-521-7355	35,45, 64,69, 70,77, 78,79, 80,82, 85,86, 87,88, 91,96, 97,99, 101,10 2, 103,10 4
08 00 00 OPENINGS	1021 Kamehameha Highway Pearl City, HI 96782 T 808-455-1200	
09 00 00 FINISHES		
11 00 00 EQUIPMENT	4600 Kapolei Parkway Kapolei, HI 96707 T 808-674-6120 www.homedepot.com	
22 00 00 PLUMBING		
23 00 00 HVAC		
CLEANING 26 00 00 ELECTRICAL		
32 00 00 EXTERIOR IMPROVEMENTS		
48 00 00 ELECTRICAL POWER GENERATION		
12 00 00 FURNISHINGS	Honolulu Furniture Company 527 Cummins Honolulu, HI 96819 T 808-220-5183 http://forwardthinkingfurniture.com forwardthinkingfurniture@gmail.com	74
SERVICES	Honolulu Recovery Systems Inc. 358 Hookela Pl Honolulu, HI 96819 T 808-841-3179 F 808-841-2438 honolulurecovery.com craigmatsumoto@oahuwaste.com	124
06 00 00 WOOD PLASTICS & COMPOSITES	Honolulu Wood Treating, LLC 91-291 Hanua St Kapolei, HI 96707 T 808-682-5704 F 808-682-4436 www.hwthawaii.com hwthawaii@aol.com	32, 33

08 00 00 OPENINGS	Honsador Lumber LLC 91-151 Malakole Rd Kapolei, HI 96707 T 808-682-2011 F 808-682-5252	44, 45
	73-5580 Kauhola St Kailua, Kona 96740 T 808-329-0738 F 808-326-2764	
	3371 Wilcox Rd Lihue, HI 96766 T 808-246-2412 F 808-246-2413	
	250 Lalo Pl Kahului, HI 96732 T 808-877-5045 F 808-877-6571	
	100 Kukila St Hilo, HI 96720 T 808-961-6000 F 808-961-5892 www.honsador.com websales@honsador.com	
07 00 00 THERMAL & MOISTURE PROTECTION	HPM Building Supply 91-302 Hanua St Kapolei, HI 96707 T 808-682-8560 / 877-842-4536 F 808-682-8565	35,45, 64,69, 70,77, 78,79, 80,82, 85,86, 87,88, 91,96, 97,99, 101,10 2, 103,10 4
08 00 00 OPENINGS		
09 00 00 FINISHES	380 Kanoelehua Ave Hilo, HI 96720 T 808-935-0875 F 808-934-4355	
11 00 00 EQUIPMENT		
22 00 00 PLUMBING	74-5511 Luhia St Kailua-Kona, HI 96740 T 808-334-4200 F 808-334-4216	
23 00 00 HVAC		
CLEANING 26 00 00 ELECTRICAL	64-1027 Mamalahoa Hwy Kamuela, HI 96743 T 808-885-6036 F 808-885-5508	
32 00 00 EXTERIOR IMPROVEMENTS		
48 00 00 ELECTRICAL POWER GENERATION	16-666 Melekahiwa St Keaau, HI 96749 T 808-966-5694 F 808-966-7564 www.hpmhawaii.com oahu@hawaiiplaningmill.com	

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	HPM Building Supply (cont.) Custom Metal Roofing 91-302 Hanua Street Kapolei, HI 96707 T 808-682-8560 F 808-682-8565 T 877-841-7633			
	16-166 Melekahiwa St Keaau, HI 96749 T 808-966-5660 F 808-966-5672			
CLEANING OFFICE	HSC Office Products (A Hawai'i Stationary Company) 99-1418 Koaha Pl Aiea, HI 90701 T 808-486-3200 F 808-486-3111 www.hscofficeproducts.com sales@hscofficeproducts.com	98,106 115,116		
23 00 00 HVAC	HVAC Hawai'i, LLC 525 Kokea St, Unit B-1 Honolulu, HI 96817 T 808-845-6050 F 808-842-4885 www.hvachawaii.com info@hvachawaii.com	83, 84		
07 00 00 THERMAL & MOISTURE PROTECTION	Hydro-Stop (Quest Construction Products) 1465 Pipefitter St N Charleston, SC 29405 T 800-739-5566 F 843-745-9602 www.hydro-stop.com info@hydro-stop.com	39		
07 00 00 THERMAL & MOISTURE PROTECTION	Industrial Nanotech, Inc. 1925 Trade Center Way Ste. 1 Naples, FL 34109 T 800-767-3998 F 239-254-1381 www.nansulate.com contact@nansulate.com	38		
48 00 00 ELECTRICAL POWER GENERATION	Inovus Solar 2800 Woodlawn Dr, Suite 101 Honolulu, HI 96822 T 808-457-5703 F 866-634-4471 inovussolar.com jmaskrey@inovussolar.com			94
09 00 00 FINISHES	Insolid 94-425 Maikoiko St Waipahu, HI 96797 Leeward: 808-676-5522 Windward: 808-262-8677 F 808-261-8677 www.insolidhawaii.com			50
09 00 00 FINISHES	InterfaceFLOR 95-1121 Koolani Dr, Unit #181 Mililani, HI 96789 T 808-782-2214 F 808-630-2214 www.interfaceflor.com wade.mukai@interfaceflor.com			52, 54
08 00 00 OPENINGS	Inter-Island Solar Supply 761 Ahua St Honolulu, HI 96819 T 808-523-0711 F 808-536-5586 www.solarsupply.com rrichmond@solarsupply.com			47, 95, 96, 97
48 00 00 ELECTRICAL POWER GENERATION	Island Cooling LLC 201 Kapaa Quarry Pl #3003 Building 30 Kailua, HI 96734 T 808-672-2300 www.islandcooling.com info@islandcooling.com			38, 83, 84
23 00 00 HVAC				
48 00 00 ELECTRICAL POWER GENERATION	Islandwide Solar 74-5543 Kaiwi St Suite E-105 Kailua Kona, HI 96740 T 808-334-1779 F 808-334-1785 4495 Puhi Rd Lihue, Kuauhi HI 96766 T 808-241-7786 F 808-241-7788 www.sunnyliving.com info@sunnyliving.com			94, 95, 96, 97

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48 00 00 ELECTRICAL POWER GENERATION	Island Pacific Energy LLC 521 Ala Moana Blvd Honolulu, HI 96813 T 808-377-4570 www.islandpacificenergy.com Info@islandpacificenergy.com	97	03 00 00 CONCRETE	JP Specialties, Inc. / Earth Shield Waterstop 551 Birch St Lake Elsinore, CA 92530 T 951-674-6869 F 951-674-1315 www.earthshield.com davidp@earthshield.com	29
13 00 00 SPECIAL CONSTRUCTI ON	Island Pool & Spa Supply 1169 Kona St Honolulu, HI 96814 T 808-593-8448 F 808-593-8449 380 Hoohana St Kahului, HI 96732 maui@islandpoolsupply.com T 808-871-6671 F 808-871-6820 73-5563 Maiau St Kailua-Kona, HI 96740 T 808-326-1151 F 808-334-0626 www.islandpoolhawaii.com	76	09 00 00 FINISHES	Kauai Floors, Inc. 2956 Aukele St Lihue, HI 96766 T 808-245-3503 F 808-245-8712 www.kauaifloors.com kauaifloors@yahoo.com	53, 55, 60
05 00 00 METALS	Island Resorts Trust LLC PO Box 415 Stuart, FL 34995 T 772-675-3144 F 772-209-7660 www.structuralsips.com islandvillage@bellsouth.net	30	SERVICES	Kauai Nursery and Landscaping, Inc. 3-1550 Kaunaulii Hwy Lihue, HI 96766 T 808-245-7747 F 908-245-9289 www.kauainursery.com knl@kauainursery.com	124
32 00 00 EXTERIOR IMPROVE- MENTS CLEANING VEHICULAR	Island Shell LLC. dba Environ- mental Manufacturing 98-736-C Moanalua Lp. Aiea, HI 96701 T 808-487-1100 F 808-487-1102 islandshell.com bernie@islandshell.com	91, 104, 123	08 00 00 OPENINGS	Kiselbach Woodworks 825 Halekauwila St Honolulu, HI 96813 T 808-523-0711 wayne@kiselbachwoodwokrs.c om	46
22 00 00 PLUMBING	JM Sales Hawai'i LLC 841 Bishop St Ste 1622 Honolulu, HI 96813 T 808-545-2357 F 808-545-2358 www.jmsaleshawaii.com jmsales@earthlink.net	78,80	12 00 00 FURNISH- INGS	Kolo Mountain Wood Crafts 87-2872-C Mamalohoa Hwy Captain Cook, HI 96704 T 808-328-2609 kolomwoodcrafts@aol.com	74
			14 00 00 CONVEYING EQUIPMENT	Kone Elevators 550 Paiea St, Suite 506 Honolulu, HI 96819 T 808-836-2231 F 808-836-0916 www.kone.com	76

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CLEANING	Lamers Enterprise, Inc. 251 Puuhale Rd Honolulu, HI 96819 T 808-845-9365 F 808-845-5592 www.lamersenterprise.com customerservice@lamersenterprise.com	100,101			
07 00 00 THERMAL & MOISTURE PROTECTION	LeakMaster Roofing Inc. 575 Cooke St, Suite G Honolulu, HI 96813 T 808-591-1900 F 808-591-1910 www.leakmaster.com greg@leakmaster.com	39			
09 00 00 FINISHES	Lees Carpets P.O. Box 894180 Mililani, HI 96789 T 808-282-5822 F 808-706-1957 www.leescarpets.com Herb_oshiro@leescarpets.com	55			
VEHICULAR	Leeward Petroleum, Inc. 85-723 Farrington Hwy Waianae, HI 96972 T 808-696-4848 F 808-696-9088 leewardpetroleum@yahoo.com	123			
11 00 00 EQUIPMENT	Lowes 411 Pacific St Honolulu, HI 96817 T 808-528-9370 F 808-528-9373 270 Dairy Rd, Building A Kahului, HI 96732 T 808-873-0383 F 808-873-0309 75-5677 Hale Kapili St Kailua Kona, HI 96740 T 808-331-3470 F 808-331-3472 94-805 Lumiaina St Waipahu, HI 96797 T 808-676-8381 F 808-676-2402 www.lowes.com	69, 70, 71, 79			
			23 00 00 HVAC	Lumen Solar LLC 9 N. Pauahi St, Suite 301 Honolulu, HI 96817 808-226-1480 www.lumensolar.net melissawhite@lumensolar.net	82, 95, 96
			48 00 00 ELECTRICAL POWER GENERATION	Makani Energy 1888 Kalakaua Ave Honolulu, HI 96815 T 808-447-8871 http://makanienergy.com sales@makanienergy.com	97
			09 00 00 FINISHES	Mannington Commercial 1844 U.S. Hwy 41 SE Calhoun, GA 30701 T 800-241-2262 F 706-625-6210 www.mannington.com/commercial glenn_okada@mannington.com	54, 56, 57, 58, 59
			07 00 00 THERMAL & MOISTURE PROTECTION	Manufacturers Agency Pacific, Inc 45-1117 Kamehameha Hwy Ste. 203 Kaneohe, HI 96744 T 808-247-5588 F 808-239-4065 mapinc@aloha.net	38, 40
			09 00 00 FINISHES	Maru Flooring 727 Waiakamilo Rd Honolulu, HI 96817 T 808-853-1717 F 808-853-1616 maruflooringhawaii.com wally@maruflooringhawaii.com	51, 59, 60
			12 00 00 FURNISHINGS	Martin & MacArthur 1815 Kahai St Honolulu, HI 96819 T 808-845-6688 F 808-845-6680 Martinandmacarthur.com info@martinandmacarthur.com	74

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CLEANING	Maui Chemical & Paper Products 875 Alua St Wailuku, Maui, HI 96793 T 808-244-7311 F 808-242-6722 www.mauichem.com info@mauichem.com	100, 101		
06 00 00 WOOD PLASTICS & COMPOSITES	Maui Laminates, Inc 269 Papa Pl #5 Kahului, HI 96732 T 808-871-6500 F 808-871-5959 mauilaminates.com jpahia@mauilaminates.com	34, 53		
09 00 00 FINISHES				
13 00 00 SPECIAL CONSTRUCTI ON	Maui Solar Project 3432 Keha Drive #B Kihei, HI 96753 T 808-269-2352 F 808-748-0020 www.mausolarproject.org info@mausolarproject.org	76,84, 87,95		
23 00 00 HVAC				
26 00 00 ELECTRICAL				
48 00 00 ELECTRICAL PWR. GEN				
09 00 00 FINISHES	Medallion Carpet 645 Ahua St Honolulu, HI 96819 T 808-836-3585 F 808-834-4722 www.medallion1.com	55		
09 00 00 FINISHES	Meld USA 3001-103 Spring Forest Rd Raleigh, NC 27606 T 919-790-1749 F 919-790-1750 www.meldusa.com info@meldusa.com	66		
07 00 00 THERMAL & MOISTURE PROTECTION	Metacrylics 142 N 27 St San Jose, CA 95116 T 408-280-7733 F 408-280-6329 www.metacrylics.com mark@metacrylics.com	40		
07 00 00 THERMAL & MOISTURE PROTECTION			Millenium Tiles, LLC 550 E. Centralia Elkhorn, WI 53121 T 262-723-7778 F 262-723-7629 milleniumtiles.com wh@milleniumtiles.com	41
09 00 00 FINISHES			The Mohawk Group - Bigelow Commercial Carpet 1975 West Oak Circle Marietta, GA 30062 T 808-222-7733 F 808-484-1162 www.themohawkgroup.com lynette_shibuya@mohawkind.c om	55
SERVICES			Mokulua Woodworking, Ltd. 905 Kalaniana'ole Hwy Bldg 26 Kailua, HI 96734 T 808-263-9663 http://mokuluawoodworking.co m mike@mokuluawoodworking.c om	124, 125
09 00 00 FINISHES			MP Global Products, LLC 2500 Old Hadar Rd Norfolk, NE 68701 T 402-379-9695 F 402-379-9737 www.mpglobalproducts.com bpratt@mpglobalproducts.com	52
SERVICES			N Nanakuli Housing Project Training Center at Kalaeloa and Baseyard at Sand Island P.O. Box 17489 Honolulu, HI 96817 (808) 842- 0770 www.baseyard.com	126
12 00 00 FURNISH- INGS			Norton Industries Incorporated 1366 W 117th St Lakewood, OH 44107 T 888-357-2345 F 800-462-6650 www.nortonceilings.com mark@nortonceilings.com	50, 74
09 00 00 FINISHES				

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OFFICE	Office Depot 340 Kamakee St Honolulu, HI 96814 T 808-589-2555	106, 107,108, 110,112, 113,115, 117,119, 120		PABCO Gypsum 3441 Alani Dr Honolulu, HI 96822 T 808-258-3141 F 808-988-5298 http://www.pabco gypsum.com mark.hanna@paccoast.com	51
	1505 Dillingham Blvd Honolulu, HI 96817 T 808-845-5784			Pacific American Lumber 142 Mokauea St Honolulu, HI 96819 T 808-845-8700 F 808-845-0220 www.pacamlumber.com rmendes@pacamlumber.com	33, 60, 63
	98-1277 Kaakumanu St Aiea, HI 96701 T 808-488-7819 94-050 Farrington Hwy Waipahu, HI 96797 T 808-678-2663 www.officedepot.com			Pacific Biodiesel, Inc. 40 Hobron Ave Kahului, Maui, HI 96732 T 808-877-3144 F 808-877-5030 www.biodiesel.com	122
CLEANING OFFICE	Office Max 770 Ala Moana Blvd Honolulu, HI 96814 T 808-545-5177	72, 73, 74, 75, 87, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121		Pacific Electrical Sales Agency, Inc. 541 Ahui St Honolulu, HI 96813 T 808-597-1744 F 808-593-2546	89
12 00 00 FURNISHINGS	Stadium Marketplace 4561 Salt Lake Blvd Honolulu, HI 96818			Pacific Imports International 926 Kohou St Honolulu, HI 96817 T 808-847-7711 F 808-847-7733 pacificimportsinternational.com shilton@piiwood.com	52, 60
09 00 00 FINISHES	Waikele Center Building #9 94-861 Lumiaina St Waipahu, HI 96797 T 808-671-7337			Pacific Recreation Co., LLC 99-899 Iwaena St, Suite 113 Aiea, HI 96701 T 808-488-0644 F 808-488-0643 www.pacrechawaii.com dave@pacrechawaii.com	67
	Kapolei Commons 4450 Kapolei Parkway, Suite 120 Kapolei, HI 96707 T 808-674-1110			Pacific Rim Partners, LLC 1405 N. King St, Suite 101 Honolulu, HI 96817 T 808-843-2500 F 808-843-2501 www.pacrim-partners.com bob@pacrim-partners.com	71, 79, 104
	Lahaina Gateway 335 Keawe St Suite 206 Lahaina, HI 96761 T 808-662-0011 www.officemax.com				
14 00 00 CONVEYING EQUIPMENT	Otis Elevator Company 863 Halekauwila St, Suite 4 Honolulu, HI 96813 T 808-599-1111 F 808-528-2281 www.otis.com javier.pommerenk@otis.com	76			

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SERVICES	Pacific SBS 1136 Union Mall Suite 402 Honolulu, HI 96813 T 808-521-7283 F 808-521-7285 www.pacificsbs.com info@pacificsbs.com	125		12 00 00 FURNISHING S	PMB Consulting Inc. T 808-640-5625 F 888-939-8908 info@pmbconsultinginc.com www.pmbconsultinginc.com	75
07 00 00 THERMAL & MOISTURE PROTECTION	Painter's Warehouse, Inc 1808 Republican St Honolulu, HI 96819 T 808-845-6363 F 808-845-6871 wayne@painters-warehouse.com	39, 63		SERVICES	Pohaku Consulting 808-220-5818 pohaku2@gmail.com www.pohakuconsulting.com	125
09 00 00 FINISHES	Paneltech Products Inc John Stevens Way Hoquiam, WA 98550 T 360-538-9815 F 360-532-0295 www.paperstoneproducts.com jjulius@paneltechintl.com	2999 50		12 00 00 FURNISHING S	Putter Furniture 43 Pueohala Pl Kailua, HI 96734 T 808-261-6833 F 808-261-0907 www.putterfurniture.com putterm@hawaii.rr.com	75
09 00 00 FINISHES	PF Restoration Company 891 Alua St, Bay 7 Wailuku, HI 96793 T 808-244-5905 F 808-249-8385 pfrestoration@gmail.com	125		CLEANING	Premium Inc. 3375 Koapaka St Honolulu, HI 96819 T 808-839-9802 F 808-834-0068 www.premiuminc.net sonny@premiuminc.net	42, 98,100, 101,105, 106
09 00 00 FINISHES	PHF Hawai'i, INC dba Pacific Home Furnishings 98-735 Kuahao Pl Pearl City, HI 96782 T 808-487-3881 F 808-486-2201 www.phf-hawaii.com tommylee@phf-hawaii.com	56		48 00 00 ELECTRICAL POWER GENERATION	R R&R Solar Supply 922 Austin Ln Building D Honolulu, HI 96817 T 808-842-0011 F 808-847-4938 www.randrsolar.com rolf@randrsolar.com	94, 95, 96, 97
SERVICES	Plas-Tech Ltd. P.O. Box 1956 Kailua, HI 96734 T 808-847-2339 F 808-845-4337 www.plastechhawaii.com plastech@aloha.net	125		08 00 00 OPENINGS	Reflections 94-350 Uke'e St Waipahu, HI 96797 T 808-676-6767 F 808-676-2329 www.reflections-glass.com info@reflections-glass.com	47
				SERVICES	Re-use Hawai'i P.O. Box 161291 Honolulu, HI 96816 T 808-537-2228 www.reusehawaii.org info@reusehawaii.org	126

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SERVICES	Roth Ecological Design International, LLC (REDI) 925 Bethel St, Suite 100 Honolulu, HI 96813 T 808-781-7583 F 808-834-0068 www.rpthecologicaldesign.com lauren@rpthecological.com	39, 40		
07 00 00 THERMAL & MOISTURE PROTECTION	RSI Roofing & Building Supply 1081 Makepono St Honolulu, HI 96819 T 808-847-2077 F 808-842-6646 www.rsihawaii.com info@rsihawaii.com	39, 40		
09 00 00 FINISHES	RW Supply 95-1052 Puneki St Mililani, HI 96789 T 808-626-1900 F 808-626-1908	51, 52, 57		
CLEANING SERVICES	S Safe Day Events 2547 Ala Wai Blvd #702 Honolulu, HI 96815 T 808-232-6152 F 808-295-5013 www.safedayevents.com safedaywaikiki@gmail.com	100, 126		
CLEANING VEHICULAR	Safety Systems Hawai'i, Inc. 815-C Waiakamilo Rd Honolulu, HI 96817 T 808-847-4017 F 808-842-1233 www.safetysystemshawaii.com safetysystems@hawaii.rr.com	101, 102, 123		
10 00 00 SPECIALTIES	Sandwich Isle Pest Solutions 96-1368 Waihona St Pearl City, HI 96837 T 808-456-7716 F 808-456-7266 www.sandwichisle.com mjbotha@sandwichisle.com	67		
08 00 00 OPENINGS	Servco Raynor Overhead Doors 43 2841 Pukoloa St Honolulu, HI 96819 T 808-564-2462 F 808-676-5800 www.servcoraynor.com			43
09 00 00 FINISHES	Shaw Industries 219 Uilama St Kailua, HI 96734 T 808-349-8127 F 877-642-2230 shawfloors.com mark.mcguinness@shawinc.com			56
03 00 00 CONCRETE	ShelterWorks Ltd. 427 North 15th Philomath, OR 97370 T 541-929-8010 F 541-929-8011 www.faswall.com tomvd@faswall.com			29, 91
32 00 00 EXTERIOR IMPROVEMENTS				
05 00 00 METALS	Simpson Strong-Tie Company 808 Ahua St, MB#85 Honolulu, HI 96819 T 808-479-1216 F 808-235-7863 www.strongtie.com twaite@strongtie.com			30
08 00 00 OPENINGS	Skylights of Hawai'i, LLC120 Sand Island Access Rd # 6 Honolulu, HI 96819 T 808-847-5500 F 808-847-2244 www.skylightsofhawaii.com info@skylights-of-hawaii.com			44, 45, 46, 47, 82
23 00 00 HVAC				
48 00 00 ELECTRICAL POWER GENERATION	Smart Energy Hawai'i, a division of 21st Century Technologies Hawai'i 5823 Kalaniana'ole Hwy Honolulu, HI 96821 T 808-373-4559 F 808-373-1740 www.greensolutionshawaii.com estricker@greensolutionshawaii.com			94

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06 00 00 WOOD PLASTICS & COMPOSITE S	Smith & Fong Plyboo 475 6th St San Francisco, CA T 415-896-0577 http://plyboo.com/blog sales@plyboo.com	34, 53	46 00 00 WATER AND WASTE- WATER EQUIPMENT	Sustainable Marketplace of the Pacific 925 Bethel St, Suite 100 Honolulu, HI 96813 T 808-441-3455 Sustainablemarketplacepacific.com	93
09 00 00 FINISHES				T	
07 00 00 THERMAL & MOISTURE PROTECTIO N	Solaris Art P.O. Box 62094 Honolulu, HI 96839 T 808-585-0555 F 808-585-0556 www.solarisart.com jason@solarisart.com	38, 45, 47, 84	09 00 00 FINISHES	T&A Supply Company, Inc. 98-055 Kamehameha Hwy Building C-1 Aiea, HI 96701 T 800-562-2857 F 808-626-5251 www.tasupply.com	54, 56, 57, 58, 59
08 00 00 OPENINGS			09 00 00 FINISHES	Tandus Flooring 311 Smith Industrial Blvd Dalton, GA 30721 T 800-241-4902 F 706-259-2102 www.tandus.com bostrow@tandus.com	54
23 00 00 HVAC			31 00 00 EARTHWOR K	Termimesh Hawai'i, Inc. 1406 Colburn St. No. 201C Honolulu, HI 96817 T 808-843-1968 F 808-843-0100 termimeshhawaii.com tmhi@alohano.com	89
23 00 00 HVAC	Solaro Energy Co. 18277 Pasadena St, Suite 105 Lake Elsinore, CA 92530 T 888-355-5786 F 951-674-4974 www.SolaroEnergy.com Info@SolaroEnergy.com	83, 85, 96	09 00 00 FINISHES	The Old Fashioned Milk Paint Co., Inc. 436 Main St Groton, MA 01450 T 866-350-6455 F 978-448-2754 www.milkpaint.com anne@milkpaint.com	64, 65
26 00 00 ELECTRICA L			CLEANING	Toolmaster Hawai'i Inc. 3061 Aukele St Lihue, HI 96766 T 808-246-1000 F 808-246-1155 www.toolmasterhawaii.com info@toolmasterhawaii.com	98, 100, 123
48 00 00 ELECTRICA L POWER GENERATIO N	So'mace Lifestyle 1115 Young St Honolulu, HI 96814 T 808.593.8780 F 808.356.0772 www.somacelifestyle.com info@somacedesign.com	72, 74, 75	VEHICULAR		
12 00 00 FURNISHING S					
09 00 00 FINISHES	Sto Corp. P.O. Box 775 Waialua, HI 96791 T 808-637-9750 F 808-356-0292 www.stocorp.com	65			
48 00 00 ELECTRICA L POWER GENERATIO N	Sunco 2116 Lauwiliwili St, Ste. F Kapolei, HI 96707 T 808-535-5000 F 808-535-5000 www.suncohawaii.com info@suncohawaii.com	95			

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11 00 00 EQUIPMENT	Totally Green, Inc. 1136 Union Mall, Suite 405 Honolulu, HI 96813 T 808-372-6417 www.totallygreen.com ryan@totallygreen.com	68		06 00 00 WOOD PLASTICS & COMPOSITES	Viance LLC 200 E. Woodlawn Road, Suite 350 Charlotte, NC 28217 T 704-522-0825 F 704-527-8232 www.treatedwood.com	32, 33
12 00 00 FURNISHINGS	Transformations Furniture 16840 State Rd 37 Harlan, IN 46743 T 800-440-9337 F 260-657-5691 www.trfurniture.com info@trfurniture.com	75			W	
07 00 00 THERMAL & MOISTURE PROTECTION	Tremco Inc. P.O. Box 700411 Kapolei, HI 96709 T 800-852-8172 F 216-292-5036 Tremcosealants.com TSCS@tremcoinc.com	40		11 00 00 EQUIPMENT	Waikiki Worm Company 1917 S. King St Honolulu, HI 96826 T 808-945-9676 www.waikikiworm.com waikikiworm@hawaii.rr.com	68, 69, 90, 91
09 00 00 FINISHES	Tri-West Ltd. 94-440 Koaki St Waipahu, HI 96797 T 808-678-0002 F 808-678-0100 www.triwestltd.com smakinodan@triwestltd.com	54, 56,57 , 58,60		32 00 00 EXTERIOR IMPROVEMENTS	Wallpaper Hawai'i Ltd. P.O. Box 11827 Honolulu, HI 96828 T 808-735-2861 F 808-734-8351 audrey@wallpaperhawaii.com	65
06 00 00 WOOD PLASTICS & COMPOSITES	Vandermeer Forest Products 3105 Catherine St Honolulu, HI 96815 T 808-620-0857 F 808-450-3438 www.vandermeerfp.com rcounter@vandermeerfp.com	32, 39,41		09 00 00 FINISHES	Waterless Co. Inc. 1050 Joshua Way Vista, CA 92081 T 760-727-7723 F 760-727-7775 www.waterless.com klaus@waterless.com	78, 80
07 00 00 THERMAL & MOISTURE PROTECTION	Vermont Natural Coatings 190 Junction Rd Hardwick, VT 05843 T 802-472-8700 F 802-472-8755 www.vermontnaturalcoatings.com lpontius@vermontnaturalcoatings.com	65, 103		VEHICULAR	Wheego Electric Cars, Inc. 2845 Kilihau St Honolulu, HI 98819 www.wheego.net info@wheego.net	123
09 00 00 CLEANING				09 00 00 FINISHES	Waynes Flooring America 3025 Waialae Ave Honolulu, HI 96816 T 808-735-3005 F 808- 732-1934 www.waynesflooringhawaii.com info@waynesflooringhawaii.com	56, 58
				03 00 00 CONCRETE	Williams Pacific, Inc. 1212 Nuuanu Ave, Suite 3106 Honolulu, HI 96817 T 808-545-1782 williamsc034@hawaii.rr.com	29, 49

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12 00 00 FURNISHINGS	Window World, Inc. 2620 Waiwai Loop Honolulu, HI 96819 T 808-834-1114 F 808-834-4442 www.windowworldhi.com info@windowworldhi.com	72, 74, 75
09 00 00 FINISHES	Woodcraft 1311 Kalani Honolulu, HI 96817 T 808-841-9876 F 808-841-1234 www.woodcraft.com honolulu- retail@woodcraft.com	63
09 00 00 FINISHES	Yama's Painting P.O. Box 4890 Kaneohe, HI 96744 T 808-256-3143 F 808-239-5197 yamaspainting@yahoo.com	64, 65