WSCA-NASPO Fact Sheet Buying Green Products on WSCA's MRO Contract with Grainger



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Introduction

Many states, local governments, and other public facilities purchase a wide variety of goods that are designed to help them maintain, repair, and operate their buildings and grounds. These Facilities Maintenance, Repair and Operations (MRO) products include cleaning supplies, trash bags, paints and coatings, lighting and HVAC equipment, batteries, and more. This fact sheet describes how users of the NASPO-WSCA Facilities MRO contract with Grainger can easily identify products that have verifiable environmental benefits. This includes items with third-party green certifications, recycled-content, etc.

On March 1, 2011, the Western States Contracting Alliance (WSCA) awarded <u>Facilities MRO contracts</u> to several companies. These contracts have an expiration date of February 28, 2017. Three of the awardees can offer products in all MRO categories (including facilities maintenance products, lighting products, industrial supplies, and tools) to public agencies in all participating states. The three national WSCA-NASPO MRO contract awardees include: <u>Fastenal</u>, <u>Grainger Industrial Supply</u>, and <u>MSC Industrial Supply</u>. In addition, four contracts were awarded to companies that can offer a limited number of products (such as energy-efficient lighting equipment) to specific states.

How Grainger Designates a Green Product

Grainger determines that a product is green if it meets at least one of the following criteria:

- a) It has been certified by an independent organization (such as Green Seal or EcoLogo)
- b) It has other "green environmental attributes" (e.g., "contains recycled content")
- c) It offers inherent environmental benefits (e.g., recycling bins)

Look for products that have been certified or recognized as "green" by governmental agencies or respected independent nonprofit organizations (see below for more information on recommended organizations) to avoid buying products with unsubstantiated or misleading environmental claims.

What Types of Green Products are Available from Grainger?

Grainger organizes its environmentally preferable products into four categories:

- (1) Energy Conservation
- (2) Green Cleaning
- (3) Waste Reduction
- (4) Water Conservation

These categories are described in more detail in the "Green Product Category Breakdown" section below.

Why Buy Green Products?

- Reduce Utility and Maintenance Costs. Building maintenance products (such as air conditioners, fans, lighting fixtures, and water heaters) that are ENERGY STAR-qualified are among the most energy-efficient products in their class. Solar-powered generators and equipment eliminate energy use altogether. Choosing these products can reduce your electricity and gas use, lower your utility bills, and prevent the release of carbon dioxide (CO2) and other air pollutants that are often created when energy is produced.
- **Protect Health.** Building maintenance products (e.g., cleaners, hand soaps, and paints) that are certified by <u>Green Seal</u>, <u>UL/EcoLogo</u>, or other third-party organizations as "low-toxicity" are made with safer chemicals than equivalent conventional products. Choosing these products reduces health risks to employees who work with them and prevents releases of these harmful substances into our air and water.





• Reduce Waste and Disposal Costs. Building maintenance products that reduce waste (such as rechargeable batteries, microfiber cloths, and energy-efficient hand dryers) can help lower your facility's waste disposal costs. Choosing trash bags, toilet paper, and other products that are made from recycled materials can help you meet your waste minimization and "buy recycled" goals.



Reduce Water and Sewer Costs. Products that conserve water (notably, those that
have earned EPA's WaterSense label) can lower your facility's water and sewer bills
and conserve this scarce natural resource, which can be vitally important during
drought conditions.



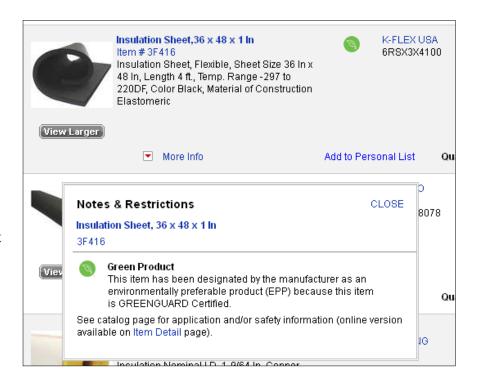
• Earn Green Building Rating System Credits. Using energy and water saving products, recycled content products, and certified environmentally preferable cleaning and maintenance products can help public agencies earn LEED and other green building rating credits.

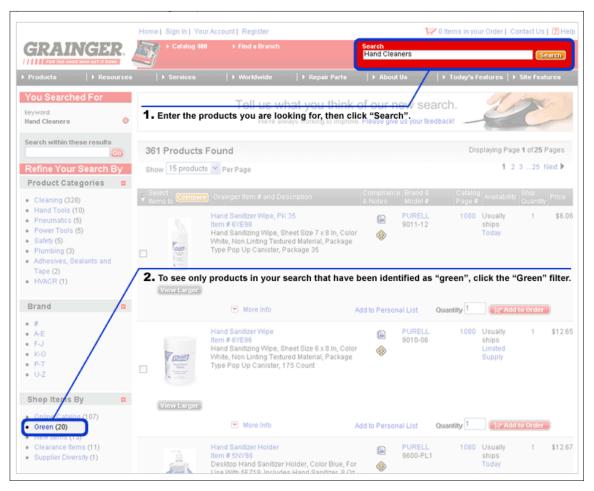


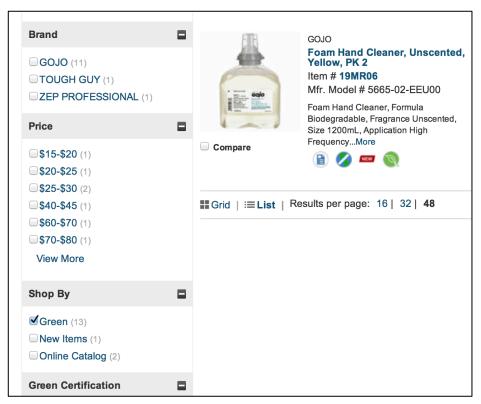
How Can I Find Green Products on the Grainger Website (www.grainger.com)?

Grainger has several features in place on its website to identify "green" products.

1) When searching through Grainger's website (and catalog), look for the "Green Leaf," which Grainger uses to identify environmentally preferable products. Clicking the green leaf will reveal what qualities the product has that makes it an environmentally preferable product – e.g., certifications the product has earned.







Although this fact sheet primarily highlights the products with independent eco-labels, Grainger also applies its "green leaf" to products with other environmental attributes such as compliance with the U.S. Environmental Protection Agency's recycled-content guidelines. While some of these attributes are verified by an independent third party, others are not.

- 2) Products can be filtered using "Green" as a sorting category when performing online searches on the Grainger.com website.
- 3) For each product with a green leaf, check the "Tech Specs" to see the product's certifications or other environmental attributes.
- 4) Grainger has created several pages that list only "green" products. To search these exclusive pages, click the "Resources" tab on the home page, then scroll down to "green."

This page is also accessible at http://www.grainger.com/Grainger/static/rc_green.html.

5) Grainger has created a stand-alone catalog that lists "products to help you take sustainability to the next level." To request a free copy of this catalog, go to http://www.grainger.com/content/catalog-request-green.





Products that Promote Energy Conservation

Products in this category include HVAC and other building equipment that is ENERGY STAR-qualified, as well as lamps, ballasts, and motors that meet NEMA Premium Efficiency standards, established by the National Electrical Manufacturers Association. Some products in this category are considered "inherently energy-efficient" even without a specific eco-label, such as motion sensors that automatically turn off lights when a room is unoccupied. Because many of these products are electrical supplies, they may also have an eco-label indicating they comply with the European Union's Restriction of Hazardous Substances (RoHS) policy, which means they have little or no lead, mercury, or other toxic chemicals of high concern that are commonly found in these types of products.

Product Category	Energy Efficiency Eco-Labels	Other Eco-Labels and Environmental Claims	
Adjustable Frequency Drives*		RoHS Compliant	
Ballasts	NEMA Premium Efficiency	Electronic Ballast RoHS Compliant	
Boilers	ENERGY STAR		
Compact Fluorescent Lamps	ENERGY STAR	RoHS Compliant	
Daylight Sensors		RoHS Compliant	
Exhaust Fans	ENERGY STAR NEMA Premium Efficiency		
Fans	ENERGY STAR		
Fluorescent Linear Lamps	NEMA Premium Efficiency	RoHS Compliant	
Gas Furnaces	ENERGY STAR		
General Purpose Motors	NEMA Premium Efficiency		
Generators		Electric (no emissions)	
Hand Dryers		RoHS Compliant	
Heaters	ENERGY STAR NEMA Premium Efficiency	RoHS Compliant	
High-Efficiency Filters and HVAC	ENERGY STAR NEMA Premium Efficiency	GREENGUARD	
LED Lamps	ENERGY STAR	RoHS Compliant	
Light Fixtures	ENERGY STAR (Ballasts in fixtures may be NEMA Premium Efficiency)	RoHS Compliant Contain LEDs Electronic Ballast	
Motion Sensors		RoHS Compliant	
Motors	NEMA Premium Efficiency		
Room Air Conditioners	ENERGY STAR		
Task Lights	ENERGY STAR	RoHS Compliant	
Televisions		RoHS Compliant	
Ventilation Fans	ENERGY STAR		
Water Heaters	ENERGY STAR		

^{*}Adjustable Frequency Drives conserve energy by enabling equipment to run in a low-wattage setting.

To view all energy-conserving products from Grainger, please visit http://www.grainger.com/Grainger/static/rc_greensubenergy.html&shopnow. For more information, please visit Grainger's Guide to Energy Efficiency at http://www.grainger.com/Grainger/content/html/mktgContent.html?pdf=8SP2666.

Green Cleaning Products

Products in this category are used for facility cleaning and maintenance. Important eco-labels in this category include Green Seal, UL/EcoLogo, and U.S. EPA's Design for the Environment (DfE) Program because each of these third-party product evaluation programs consider multiple environmental and health attributes as well as performance. **These are listed in bold.** Some product listings include other green certifications (most of which are based on single attributes) and environmental claims that may or may not be verified.

Product Category	Eco-Labels	Environmental Claims
Adhesives and	DfE	Readily Biodegradable Per OECD or ASTM Standards
Adhesive Removers*	UL GREENGUARD	VOC Levels Meet SCAQMD Requirements
	USDA BioPreferred	
All-Purpose Cleaners	DfE	Concentrated
	Green Seal	Fragrance-free
	UL EcoLogo	
	USDA BioPreferred	
Carpet Cleaners	DfE	Readily Biodegradable Per OECD Or ASTM Standards
	Green Seal	VOC Levels Meet SCAQMD Requirements
	UL EcoLogo	
Caulks and Sealants*	USDA BioPreferred	Product contributes to reducing energy consumption
Crème Cleansers	DfE	Made From Rapidly Renewable Resource
	UL EcoLogo	, , , , , , , , , , , , , , , , , , ,
	USDA BioPreferred	
Degreasers*	DfE	Butyl-free
0	USDA BioPreferred	Readily Biodegradable Per OECD Or ASTM Standards
		VOC Levels Meet SCAQMD Requirements; VOCs 0%
		Water-based
Deicers (Ice Melters)	DfE	Readily Biodegradable Per OECD Or ASTM Standards
Dishwashing Detergents	DfE	Biobased
Jishwashing Detergents	USDA BioPreferred	Made From Rapidly Renewable Resource
	662 77 2.67 7 6.6.7 6 4	Readily Biodegradable Per OECD Or ASTM Standards
Floor Cleaners	Green Seal	Concentrated
Neutral Cleaners)	UL EcoLogo	Readily Biodegradable Per OECD Or ASTM Standards
, read at Great Great	000-080	VOC Levels Meet SCAQMD Requirements
Floor Finishes	DfE	Biobased (with % Amount),
and Sealers	Green Seal	Zinc-free
	UL GREENGUARD	
Floor Polish Removers	DfE	Butyl-free
(Strippers)	Green Seal	
, pp/	UL EcoLogo	
Furniture Polish	DfE	Biobased
	USDA BioPreferred	
Glass Cleaners	DfE	Concentrated
	Green Seal	Non-ammoniated (No ammonia)
	UL EcoLogo	Readily Biodegradable Per OECD or ASTM Standards
	USDA BioPreferred	VOC Level Per SCAQMD Requirements
Graffiti Removers*	DfE	Does Not Contain Methylene Chloride
	Green Cross (for Biodegradability)	Readily Biodegradable Per OECD Or ASTM Standards
Hand Sanitizers	UL EcoLogo	Product Contributes To Reducing Water Consumption
	USDA BioPreferred	
Hand Soaps	DfE	Dye-free
Lotion and Foam)	Green Seal	Fragrance-free
·	UL EcoLogo	Readily Biodegradable Per OECD Or ASTM Standards
	USDA BioPreferred	-
High-Efficiency Vacuums	Carpet & Rug Institute (CRI)	
-	ENERGY STAR	

Product Category	Eco-Labels	Environmental Claims
Laundry Detergents	DfE	Biobased
	UL EcoLogo	Fragrance-free/Unscented
	USDA BioPreferred	Phosphate-free
		Readily Biodegradable Per OECD or ASTM Standards
Lubricants	USDA BioPreferred	Does Not Contain Reproductive or Developmental Toxins,
		Endocrine Disrupters, Asthmagens or Carcinogens
		VOC Levels Meet SCAQMD Requirements
Machine Vehicles Parts	USDA BioPreferred	Readily Biodegradable Per OECD Or ASTM Standard
Washers		VOC Level Per SCAQMD Requirements
Microfiber Mops & Cloths		Product Contributes to Reducing Chemical Consumption
		Product Contributes to Reducing Water Consumption
Paints*	DfE	VOC Levels Meet SCAQMD Requirements
	ENERGY STAR	
	Green Seal	
	UL GREENGUARD	
Paint Strippers*	DfE	Does Not Contain Methylene Chloride
Primers*	Green Seal	Product contributes to reducing energy consumption
	UL GREENGUARD	VOC Levels Meet SCAQMD Requirements
Restroom Cleaners	DfE	Concentrated
	Green Seal	VOC Levels Meet SCAQMD Requirements
	UL EcoLogo	
	USDA BioPreferred	
Stainless Steel Polish	DfE	Biobased (with % Amount)
	USDA BioPreferred	
Toilet Bowl Cleaners	DfE	Concentrated
	UL EcoLogo	Non-acid
		Readily Biodegradable Per OECD Or ASTM Standard
		VOC Level Per SCAQMD Requirements
Vehicle Wash & Polish		Readily Biodegradable Per OECD or ASTM Standards
		VOC Levels Meet SCAQMD Requirements

^{*} Caution to Buyers: Some products in this category, while labeled with a green leaf because they emit low levels of volatile organic compounds (VOCs), which can contribute to poor indoor air quality, are also designated by a Prop 65 warning, which indicates the presence of chemicals known by the State of California to cause cancer, birth defects, or other reproductive harm. These products should be avoided.



To view all green cleaning and maintenance products available from Grainger, please visit http://www.grainger.com/Grainger/static/rc greensubiaq.html.

Products that Promote Waste Reduction

Products in this category contain recycled material, including post-consumer content (e.g., paper towels and trash bags), facilitate recycling (e.g., recycling bins and battery recycling kits), or promote waste reduction (e.g., rechargeable batteries, microfiber mops, and hand dryers).

Product Category	Eco-Labels	Environmental Claims
Automatic Scrubber Pads		Contains Post-consumer Recycled Content
Bathroom Partitions	Forest Stewardship Council	Contains Post-consumer Recycled Content
Battery Recycling Kits		Product Facilitates Recycling
Compostable Food Service Ware	Biodegradable Products Institute (BPI) USDA BioPreferred	
Compostable Trash Liners	Biodegradable Products Institute (BPI) USDA BioPreferred	
"Green" Signs		Contains Postconsumer Recycled Content
Hand Dryers	RoHS-Compliant	Product Contributes to Reducing Waste
Lamp Recycling Kits		Product Facilitates Recycling
Lockers (Recycled)	UL GREENGUARD	Contains Recycled Content
Microfiber Mops & Cloths		Product Contributes to Reducing Waste Reusable
Paper Napkins (Rolls)	Green Seal UL EcoLogo	Contains Post-Consumer Recycled Content Meets EPA Comprehensive Procurement Guidelines (CPG)
Paper Towels, Rolls	Green Seal UL EcoLogo	Contains Post-Consumer Fiber Meets EPA Comprehensive Procurement Guidelines (CPG)
Paper Towels, Sheets	Green Seal UL EcoLogo	Contains Post-Consumer Fiber Meets EPA Comprehensive Procurement Guidelines (CPG)
Rags and Wipes	DfE UL EcoLogo	Contains Postconsumer Recycled Content Reusable
Rechargeable Batteries		Product Facilitates Waste Reduction Product is Rechargeable
Rechargeable Flashlights	RoHS-Compliant	Product Facilitates Waste Reduction
Recycling Containers and Bins		Product Facilitates Recycling Contains Post-consumer Recycled Content
Sorbents		Contains Postconsumer Recycled Content
Toilet Paper	Green Seal UL EcoLogo	Contains Postconsumer Recycled Content Meets EPA Comprehensive Procurement Guidelines (CPG)
Trash Can Liners		Product Contains Recycled Content Product Contains Post-Consumer Recycled Content

To view all waste-reducing products identified by Grainger, please visit http://www.grainger.com/Grainger/static/rc greensubwaste.html&shopnow.







Water Conservation

Products in this category such as low-flow showerheads and toilets promote water conservation. Some are certified by the U.S. EPA's WaterSense Program or meet the WaterSense criteria.

Product Category	Eco-Labels	Environmental Claims
Aerators	WaterSense	
Faucets	WaterSense	
Floor Scrubbers		Contributes to Reducing Water Consumption
Flush Valves	WaterSense	
Lawn & Garden Products		USDA BioPreferred*
Microfiber Mops & Cloths		Contributes to Reducing Water Consumption
Showerheads	WaterSense	
Toilets and Urinals	WaterSense	
Wash Fountains		GREENGUARD

^{*} Biobased lawn products are included on this list because they can protect aquatic ecosystems from synthetic fertilizers and pesticides.

To view all water-reducing products from Grainger, please visit http://www.grainger.com/Grainger/static/rc greensubwater.html.

For more information, please visit Grainger's *Guide to Water Efficiency* at http://www.grainger.com/Grainger/content/html/mktgContent.html?pdf=8S2420.



Eco-label Descriptions

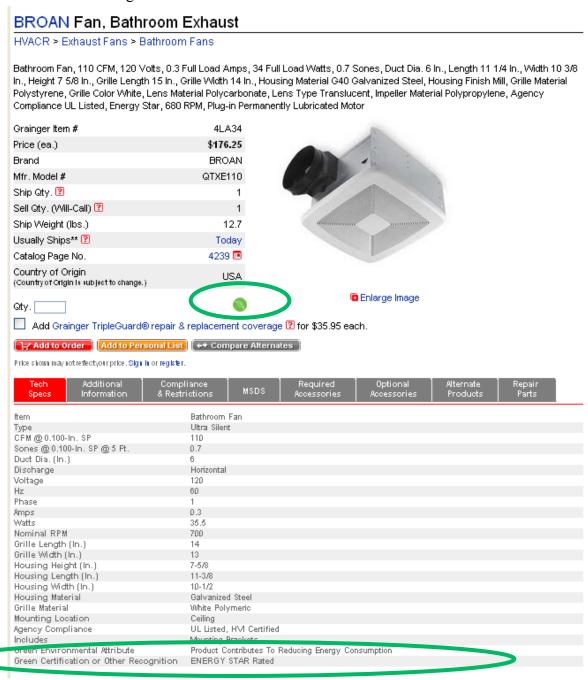
Eco-label	Description
BPI	The Biodegradable Products Institute (BPI) is an independent organization that certifies that bio-based
	plastic products with "biodegradable" claims will safely break down in a typical commercial composin
	facility. For more information, please visit http://www.bpiworld.org/ .
CRI Green Label	The Carpet and Rug Institute's Green Label designates carpets and adhesives with low emissions of
	volatile organic compounds (VOCs), which contribute to poor indoor-air quality. For more information
	please visit http://www.carpet-rug.org/commercial-customers/green-building-and-the-
	environment/green-label-plus/.
Comprehensive	The U.S. Environmental Protection Agency's Comprehensive Procurement Guidelines provide
Procurement	recommendations on recycled content for a wide range of products such as janitorial paper products,
Guidelines (CPG)	trash cans and liners, construction products, and more. These products are required to be purchased
Caracinies (Cr C)	federal funding is used. For more information, please visit http://www.epa.gov/cpg.
DfE	The Design for the Environment (DfE) Program recognizes products that have been screened by the
DIL	EPA to have "only those ingredients that pose the least concern among chemicals in their class."
	For more information, including a list of DfE-Recognized products, please visit
ENIED OVICEA D	http://www.epa.gov/dfe/pubs/projects/formulat/saferproductlabeling.htm.
ENERGY STAR	ENERGY STAR is a voluntary rating program run jointly by the U.S. Environmental Protection Agency
	and the U.S. Department of Energy. ENERGY STAR provides standards that indentify the most efficient
	products such as refrigerators, CFLs, and water heaters in their product category. For more
	information, please visit http://www.energystar.gov/ .
Forest Stewardship	FSC is an independent eco-label that promotes the responsible management of the world's forests.
Council (FSC)	FSC is a certification system that provides internationally recognized standard-setting, trademark
	assurance, and accreditation services for responsible forestry practices. For more information, please
	visit http://www.fsc.org/.
Green Seal	Green Seal is an independent eco-label, founded in 1989, that certifies a wide range of products such
	as paints, papers, cleaners, and businesses themselves such as hotels and lodging. For more
	information, please visit http://www.greenseal.org/ .
NEMA Premium	Run by the Association of Electrical and Medical Imaging Equipment Manufacturers, NEMA Premium
Efficiency	rates energy-efficient motors. For more information, please visit
·	http://www.nema.org/gov/energy/efficiency/premium/.
RoHS	RoHS (Restriction of Hazardous Substances) is a policy directive adopted by the European Union in
	2003 (and updated in 2010) to restrict the use of six hazardous materials in electronics. RoHS restricts
	the use of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBBs), and
	polybrominated diphenyl ethers (PBDEs). For more information, please visit
	http://www.rohs.eu/english/index.html.
SCS Sustainable	Scientific Certification Systems verifies green claims such as "biodegradable" or "contains recycled
Choice Certified	content." SCS also oversees compliance with California Gold Sustainable Carpet Standard and other
	environmental certifications. For more information, please visit http://www.scscertified.com .
UL EcoLogo	UL EcoLogo is a multi-attribute eco-label managed by Underwriters Laboratories that certifies
01 1001080	thousands of different products in many categories such as cleaning products, hand soaps, janitorial
	paper products, paint, and more. For more information, please visit http://www.ecologo.org/en/.
	A list of UL EcoLogo-certified products can be found in UL's <i>Sustainable Product Guide</i> , which can be
	accessed at http://productguide.ulenvironment.com/QuickSearch.aspx.
UL GREENGUARD	UL GREENGUARD aims to improve indoor air quality and reduce exposure to toxic chemicals by
	certifying products that emit low levels of volatile organic compounds (VOCS) such as formaldehyde,
	which is a human carcinogen. This eco-label can primarily found on building materials, sealants,
	adhesives, insulation, flooring, and furniture. For more information, please visit
	http://www.greenguard.org/en/index.aspx. A list of UL EcoLogo-certified products can be found in
	UL's Sustainable Product Guide at http://productguide.ulenvironment.com/QuickSearch.aspx.
	BioPreferred is a voluntary designation program run by the U.S. Department of Agriculture that
USDA BioPreferred	
USDA BioPreferred	identifies products that meet or exceed minimum levels of biobased content. For more information
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USDA BioPreferred WaterSense	identifies products that meet or exceed minimum levels of biobased content. For more information about the USDA's Certified Biobased Products, please visit http://www.biopreferred.gov . A list of USDA-certified biobased products can be accessed at

Additional Resources

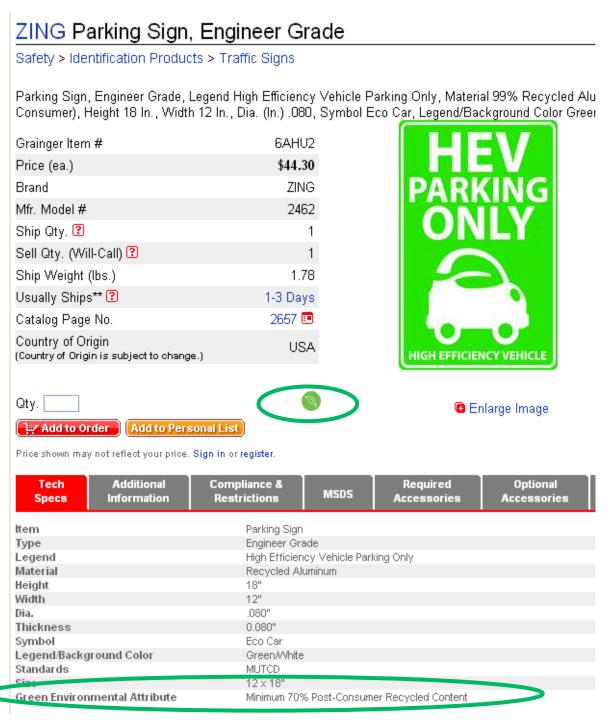
- WSCA-NASPO MRO Contract webpage
- RPN Green Hardware Supplies webinar webpage

Examples of "Green" Products Available from Grainger

Example 1: We recommend looking for products that have been independently verified as green. This exhaust fan is ENERGY STAR-certified, meaning it meets the energy savings and performance requirements of the U.S. Environmental Protection Agency and the U.S. Department of Energy ENERGY STAR Program.



Example 2: This parking sign has no independent rating or certification, but under "Green Environmental Attributes," it lists a minimum of 70% post-consumer recycled content. Products that claim to have environmental attributes without independent recognition can be considered when products with independent green certifications or ratings are not available.



The Responsible Purchasing Network (RPN) created this fact sheet for the National Association of State Procurement Officials (NASPO) and the United States Environmental Protection Agency (EPA). This project has been funded under a contract from NASPO and by EPA Grant #96165001 to RPN. The contents do not necessarily reflect the views and policies of the EPA or NASPO, nor does mention of trade names or commercial products constitute endorsement or recommendation for use. For more green purchasing resources, visit RPN at: www.ResponsiblePurchasing.org.