Product Search

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Technology Platform Overview
for
ISWG Meeting
November 10, 2016

Presented By: Michael Bloom & Paul Shahriari
What can I do here?  ➤
You’re here because you care about efficient, healthy buildings and environmentally-responsible purchasing. Check out summaries of each section of the site to start exploring.

Introduction to SFTool
Watch the video (2min)

Where do I start?  ➤
To access the information you need quickly, view user guides tailored to professional roles – taking you straight to the topics that interest you the most.

Learn About Sustainability
Learn about sustainability topics, such as indoor environmental quality (IEQ) and plug loads

Buy Green
Discover which products and services meet different environmental programs, such as BioPreferred or Energy Star

Practice Going Green
Try your hand at sustainable building management with Green the Building

Demonstrate Understanding
Use FEDSAT to take the first step on a path towards full FBPTA compliance

Plan a Project
Review sustainable strategies for both new construction and renovation projects

Explore a Building
Walk through a sustainable building to learn about strategies and products for each workspace and building system
An open office area supports work productivity for groups of employees. Design this space to be flexible, allowing for quick transition from collaborative to individual setup. Optimize daylight and views, and avoid blocking views by using low cubicle dividers or dividers made of transparent material. Utilize occupancy sensors and zones for maximum efficiency of HVAC and lighting systems. Design HVAC systems to have multiple zones to increase thermal comfort, and consider using under floor air to provide occupant control of diffusers. Allow for task lights for all abilities and tasks. Support the type of work with active ergonomics. Pay careful attention to acoustics by selecting materials that absorb sound or installing a white noise system to limit noise levels from one work station to the next. View Planning Strategies

Select a System to Compare Materials
- Walls
- Ceiling
- Lighting
- Windows and Daylighting
- Furniture / Furnishings
- Flooring
- HVAC
- Advanced Power Strip (APS)
### Green Procurement Compilation

#### Products

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appliances</strong></td>
<td>Commercial and residential appliances, such as clothes washers, ovens, and refrigerators. Products in this category may also apply to the acquisition of janitorial, sanitary, construction, and cafeteria equipment.</td>
</tr>
<tr>
<td><strong>HVAC/Mechanical</strong></td>
<td>Products and systems used for commercial and residential buildings, including heating, ventilation, and air conditioning systems. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Biomedical Equipment and Supplies</strong></td>
<td>Equipment and supplies that assist with activities and applications of clinical medicine.</td>
</tr>
<tr>
<td><strong>Landscaping Products</strong></td>
<td>Products used to beautify, enhance or enhance decorative and protective pleasure or areas surrounding buildings and landscaping. Examples include decorative grasses and shrubs, fences, and walkways.</td>
</tr>
<tr>
<td><strong>Lighting and Ceiling Fans</strong></td>
<td>Commercial and residential lighting products, such as fixtures and bulbs, and ceiling fans. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Building Finishes</strong></td>
<td>Building materials and products that provide finishing touches, such as cabinets, countertops, and flooring. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Building Furnishings</strong></td>
<td>Products used in the construction of buildings, such as furniture, appliances, and other materials. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Catering Products</strong></td>
<td>Products used in the operation and maintenance of cafeterias, including tableware, cookware, and other materials. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Cleaning Products</strong></td>
<td>Products used in industrial, institutional, and miscellaneous other cleaning products. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Office Electronics</strong></td>
<td>Equipment and accessories used in government agencies and businesses to perform daily operations and administrative functions of an office, such as servers, computers, printers, and other electronic equipment. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Contracted Printing Products</strong></td>
<td>Printing paper and products used to print documents, such as invoices, reports, and other materials. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Doors and Windows</strong></td>
<td>Products used in operating and maintaining parks and recreational areas, including playground equipment and running tracks. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Personal Care</strong></td>
<td>Products used for daily care and personal hygiene. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Plumbing Systems</strong></td>
<td>Products used for the installation of plumbing systems and products. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Refrigeration Systems</strong></td>
<td>Commercial systems and products used for the refrigeration of food and beverages. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Renewable Energy</strong></td>
<td>Products used for the production and distribution of renewable energy. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Roadway Construction</strong></td>
<td>Products used for the construction and maintenance of roads and highways. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Special Construction Products</strong></td>
<td>Products used for special construction projects, such as fire suppression, sound, and modular systems. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Traffic Control</strong></td>
<td>Products used for the management and control of traffic. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
<tr>
<td><strong>Vehicles and Vehicle Products</strong></td>
<td>Products used for transportation, including vehicles, such as buses, cars, and recreational vehicles. Products in this category may also apply to the acquisition of construction and miscellaneous equipment.</td>
</tr>
</tbody>
</table>
Furniture

Last Updated: 10/18/16

Click to see brand name products that meet these requirements

Federal agencies are required to purchase products as designated or specified under this program

Procurement Info

Federal Programs

Federal Programs

EPA Recommended Standards and Ecolabels

UL 2818 GREENGUARD Certification

BIFMA Level

Legal Requirements

FAR Subpart 23.7 Contracting for Environmentally Preferable Products and Services

FAR Subpart 23.4 Use of Recovered Materials and Biobased Products

FAR Subpart 23.1 Sustainable Acquisition Policy
Click to see brand name products that meet these requirements

Product Category
- Building Furnishings (3,772)

Product Subcategory
- Furniture

Brand
- Allsteel Inc. (120)
- Bernhardt Design (156)
- Global Furniture Group (344)
- High Point Furniture Industries (131)
- KI (166)
- La-Z-Boy Furniture Contract (260)
- Nightingale Corporation (148)
- Steelcase Inc. (157)

Third Party Standards
- BIFMA level (3,589)
- GREENGUARD (246)
SFTool Product Search - Start

Welcome to SFTool Product Search

Welcome to the SFTool Product Search, your link to simpler environmentally responsible purchasing.

Have an idea about improving this service? Please contact us!

• Aggregated and Curated product databases
• Allows users to quickly discover products and solutions that meet high performance project & procurement standards
• Presents only products that meet performance standards saving hundreds of hours of search on a typical project.

- 130+ Product Categories
- 5,700+ Brands
- 300k+ Products
- 4.2M+ Eco Data Points
SFTool Product Search Filtration

Product Category
- Lighting and Ceiling Fans (21,729)

Product Subcategory
- Light Bulbs

Base Type
- E12 (Candelabra) (698)
- E17 (Twist) (13)
- E26 (Medium) (22)
- GU24 (211)
- GU10 (181)
- GU5.3 (19)

Product Classification
- Premium (24,368)
- Standard (185,719)

ENERGY STAR Partner
- Felt Electric (362)
- GE Lighting (489)
- Halo Lighting Technologies (247)
- Hengstenberg Group Tonon Lighting Co., Ltd. (237)
- LEDVANCE, formerly OSRAM SYLVANIA (507)
- SATCON/COVO (279)
- Standard Products, Inc. (241)
- Technical Consumer Products, Inc. (TCP) (429)

Energy Use (Watts)
- 0.05 (56)
- 0.1 (4,811)
- 0.14 (58)
- 0.15 (1,26)
- 0.19 (98)
- 0.2 (1,605)
- 0.2 (1,605)
- 1.0 (9,749)

Color Quality (CRI)
- 70 (80)
- 73 (91)
- 75 (100)
- 80 (109)
- 84 (167)
- 85 (250)
- 85 (427)

Light Output (Lumens)
- 1100 (13)
- 1000 (32)
- 450 (82)
- 500 (341)
- 600 (278)
- 800 (1,349)
- 850 (191)
- 900 (347)

Bulb Type
- A19 (2,056)
- BR30 (831)
- CFL, Bare Spiral (1,217)
- PAR16 (3,046)
- PAR20 (321)
- PAR30 (893)
- PAR38 (305)
- PAR46 (1,295)

Product Type
- Indoor Luminaires (20,316)
- Indoor Recessed Fixtures (14,150)
- Indoor Retrofit Lamp (14,554)
- Linear Replacement Lamp (14,632)
- Outdoor Luminaires (18,200)
- Outdoor Retrofit Kit (4,798)

Technology
- CFL (1,099)
- LED (1,749)

Special Features
- Damp Location Rated (1,471)
- Damp Location Rated, Enclosed Fixtures (469)
- Damp Location Rated, Not for Use in Enclosed Fixtures (1,258)
- Damp Location Rated, Recessed Fixtures (565)
- None (3,412)
- Not for Use in Enclosed Fixtures (887)
- Not for Use in Recessed Fixtures (197)

Luminous Efficacy (Lumens/Watt)
- 100 (9,618)
- 105 (1,693)
- 110 (2,845)
- 120 (1,858)
- 80 (1,964)
- 85 (7,260)
- 90 (5,581)
- 95 (1,565)
Simplified Search, Comparison & Selection

- Provides a user instant access to product options that meet sustainable selection criteria.
- Data is normalized to allow for quick comparison and evaluation.
- Data can be faceted and aligned with Impact Lenses. Standard lenses are:
Automated Data Mapping

- Aggregated 6 separate certification databases and normalized data based on procurement requirements.
- Connects the mapping of product data facets through the complicated network of sustainability requirements.
- Automates Green Building Rating System documentation

<table>
<thead>
<tr>
<th>Product Categories Mapped</th>
<th>Initial</th>
<th>Launch</th>
<th>Future</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appliances</td>
<td>5</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td>Building Finishes</td>
<td>5</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>Building Furnishings</td>
<td>2</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>Cafeteria Products</td>
<td>15</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Lighting and Ceiling Fans</td>
<td>10</td>
<td>11</td>
<td>3</td>
</tr>
<tr>
<td>Plumbing Systems</td>
<td>4</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Cleaning Products</td>
<td>34</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Construction Materials</td>
<td>2</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Office Electronics</td>
<td>23</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>HVAC/ Mechanical</td>
<td>12</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Future Categories</td>
<td></td>
<td></td>
<td>190</td>
</tr>
<tr>
<td><strong>Subtotals</strong></td>
<td><strong>26</strong></td>
<td><strong>130</strong></td>
<td><strong>247</strong></td>
</tr>
</tbody>
</table>
Automated Impact Calculations

- Automates the ROI Calculations associated with Energy and Water Savings.
- These quick Watts and Water savings can be run in a minute and provide a rough order magnitude (ROM) impact analysis to help determine Total Cost of Ownership (TCO)
Streamlined Documentation & Reporting

- Accelerates existing workflows
- Creates procurement and project specification compliance documentation
- Allows users to save all their procurement documentation so that as changes arise, they can easily modify their project specific data.
- Specific Agency reporting requirements can be created

Simple Project Setup

Product documentation
Easy Integration into Federal Toolsets

https://sftool.gov

https://sftool.gov/greenprocurement

https://hallways.cap.gsa.gov
Thank You
Any Questions?

SFTool Product Search URL:
https://SFTool.ecomedes.com

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