



# GreenWorks™

by SurfaceWorks®

Updated July 2010

SurfaceWorks® is The New Face of Green™. Striving for sustainability in our products and manufacturing processes, SurfaceWorks® is a leader in environmental stewardship. It is our resolve to develop products that lessen the impact on the environment through the use of new technology and alternative materials. This policy is extended to suppliers of materials that may be used in the manufacture or construction of our products. The following specification highlights the materials used in the construction of our GreenWorks™ worksurfaces and table tops.

### Substrate Material:

#### Standard Particleboard

- o M3 industrial grade 47 lb. density particle board.
- o 100% pre-consumer recycled wood fiber particle board certified by Scientific Certification Systems (SCS). Particleboard is at least 90% wood fiber by weight.
- o Forest Stewardship Council (FSC); mixed credit available (optional).
- o Meets California Air Resources Board (CARB) Regulation 93120.2, Phase 1 emissions limits

#### No Added Urea-Formaldehyde (NAUF) Particleboard

- o M3 industrial grade 47 lb. density particle board
- o 100% pre-consumer recycled wood fiber particle board certified by Scientific Certification Systems (SCS) Particleboard is at least 90% wood fiber by weight
- o Forest Stewardship Council (FSC) Mixed Credit Available (optional)
- o Meets California Air Resources Board (CARB) Regulation 93120.2, Phase 1 emissions limits
- o No added urea-formaldehyde (NAUF); SCS certified.
- o Collaborative for High Performance Schools (CHPS) Section 01350 Compliant
- o Environmentally Preferable Product (EPP) Certified by the Composite Panel Association

### Surface Material:

#### High Pressure Laminate (HPL):

- o Group 1 Laminate is GREENGUARD Indoor Air Quality Certified® and GREENGUARD for Children and Schools CertifiedSM.
- o Wilsonart, Formica, Nevamar and Pionite laminates are GREENGUARD Indoor Air Quality Certified® and GREENGUARD for Children and Schools CertifiedSM.
- o Arborite laminates are GREENGUARD Indoor Air Quality Certified®



SCS CERTIFIED INDOOR ADVANTAGE GOLD  
SCS-IND-02194 (Indoor Advantage®)  
SCS-IND-02071 (Indoor Advantage Gold®)  
\*Indoor Advantage® or "Indoor Advantage Gold" certification varies based on material selection.



SCS CERTIFIED RECYCLED CONTENT  
Pre-consumer  
SCS-IND-02118, 02119, 02120, 02121, 02122  
Minimum recycled content percentage varies based on material selection.



PRODUCED IN A FACILITY THAT PURCHASES AT LEAST 90% RECYCLED PAPER PRODUCTS.



The mark of responsible forestry



#### Veneer:

- Reconstituted veneers are engineered from sustainably harvested African Obeche and Italian plantation grown poplar trees preserving rare and exotic species.
- Meets the E1 European Standard for Low formaldehyde emissions.
- Engineered veneers have fewer defects than natural veneer maximizing yields and minimizing waste.

#### Marmoleum<sup>®</sup>; Linoleum, manufactured by Forbo Linoleum,

- Allergen free, non-petroleum based, biodegradable material
- Manufactured from 33% rapidly renewable resources including linseed oil, limestone, cork flour, rosin, jute and organic pigments
- Pre-Consumer Recycled Content of 45% by weight
- Natural anti-bacterial and anti-static properties
- Self healing capabilities for small scratches and minor cuts
- Color runs throughout the entire thickness (.125") of the product giving both depth of color and enhanced durability
- Burn and scuff resistant
- Sustainable Materials Rating Technology (SMART) certified
- Collaborative for high performance schools (CHPS) section 01350 Compliant.

#### Adhesive:

- Water based adhesive
- Low VOC emissions
- Does not contain urea-formaldehyde
- Laminate adhesive is GREENGUARD Indoor Air Quality Certified<sup>®</sup>

#### Edge Material:

##### *Bamboo Edge:* Natural material available in a variety of edge profiles

- Bamboo is a rapidly renewable resource
- Bamboo can be sustainably harvested and replenished with virtually no negative impact to the environment.
- Natural Bamboo has a hardness equivalent to Northern hard maple.

##### *Wood Edge:* Natural wood edging available in a variety of edge profiles

- Wood is a biodegradable, renewable resource
- Forest Stewardship Council (FSC) Certified Lumber is available for use on wood edges (optional)

##### *ABS Plastic Edge:* 2mm ABS plastic edges are available in an array of standard colors

- ABS is a recyclable plastic, unlike PVC material
- Chlorine Free Polymer can be incinerated
- Anti-static properties will not collect dust

##### *Urethane Edge:* PURTech<sup>™</sup>, PURWood<sup>®</sup> or ECOWood<sup>™</sup> urethane edges

- Urethane is comprised of approximately 65% refined vegetable oil by weight. Vegetable oil is a rapidly renewable, natural material
- Urethane edged surfaces are extremely durable and have a longer lifespan than surfaces made from other materials.

SurfaceWorks<sup>®</sup> products made with GreenWorks<sup>™</sup> materials can potentially contribute to achieving Leadership in Energy and Environmental Design (LEED<sup>™</sup>) credits. For information regarding LEED<sup>™</sup> see [www.usgbc.org](http://www.usgbc.org).



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## LEED 2009 for Commercial Interiors Credit and Point Information

### Materials and Resources:

**MR Credit 2** Construction Waste Management, Divert 50% from Landfill - **1 Point**,  
Divert 75% from Landfill - **2 Points**

- SurfaceWorks® products are packaged using returnable (Blanket Wrapped) or recyclable (Cardboard, Wood and Plastic) materials which can reduce disposal into landfills.

**MR Credit 4** Recycled Content, 10% (post consumer + ½ pre-consumer) - **1 Point**  
20% (post consumer + ½ pre-consumer) - **2 Points**

- SurfaceWorks® Standard particle board and NAUF particle board are made of 100% pre-consumer recycled wood fiber. Particleboard is at least 90% wood fiber by weight.
- Linoleum contains 45% by weight, pre-consumer recycled content.
- All SurfaceWorks tabletops and worksurfaces are certified by SCS for recycled content. Recycled content values are dependent on the materials used; Our Certification numbers are SCS-MC-02118, SCS-MC-02119, SCS-MC-02120, SCS-MC-02121 & SCS-MC-02122. See the recycled content certification for more information.

**MR Credit 5** Regional Materials 20% Manufactured Regionally - **1 Point**

- SurfaceWorks® products may contribute to this credit for projects located within a radius of 500 miles. SurfaceWorks products are manufactured in Oak Creek, WI 53154.

**MR Credit 6** Rapidly Renewable Materials 5% of total Value - **1 Point**

- Linoleum surface material is made of 33% by weight, rapidly renewable resources such as rosin, cork flour, linseed oil and jute.
- Bamboo used in bamboo edges is a rapidly renewable resource.
- Urethane used in PURTech™, PURWood® or ECOWood™ edges is comprised of 65% Vegetable oil, a rapidly renewable resource.

**MR Credit 7** Certified Wood 50% of wood products to be FSC certified - **1 Point**

- FSC Certified particle board material is available in both standard and NAUF particle board. (optional)
- SurfaceWorks® Tops are available with wood edges. FSC certified lumber is available on wood edges (optional)
- SurfaceWorks FSC License Code: FSC-C014142



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## Indoor Environmental Quality:

### IEQ Credit 4.4 Low-Emitting Materials, Composite Wood & Laminate Adhesives **1 Point (N/A)**

- Fixtures, furniture and equipment (FF&E) are not included in this credit, SurfaceWorks® products may contribute to an Innovation in Design Credit when used as part of a Green Furniture Program, see below.

### Credit 4.5 Low-Emitting Materials, Systems Furniture and Seating – **1 Point**

- All SurfaceWorks tabletops and worksurfaces have successfully passed SCS Indoor Advantage Gold or SCS Indoor Advantage certification depending on the materials used. Our SCS Certification numbers are SCS-IAQ-02071 for Indoor Advantage and SCS-IAQ-02194 for Indoor Advantage Gold. See the IAQ certificates for more information.

## Innovation and Design Process:

### ID Credit 1 Innovation in Design – **1- 5 Points**

- SurfaceWorks® products may contribute to Innovation in Design Credit 1 when used as part of a Green Furniture Program.
- SurfaceWorks products constructed with the optional No Added Urea-Formaldehyde (NAUF) particle board core can contribute to this ID credit.
- All Laminate and edge adhesives used on SurfaceWorks® products are Low VOC and do not contain urea-formaldehyde.
- Steel table bases using Low VOC powder coat finishes or polished aluminum bases can contribute to this ID credit.
- LEED Innovation credits can also be achieved when a project exceeds the criteria by twice the base requirements of the credit or, in the case of multi-tiered credits, the next tier.

### ID Credit 2 LEED Accredited Professional – **1 Point**

- SurfaceWorks® LEED Accredited Professionals are available to assist project teams with credit information and support them in the credit application process.