

EcoVeil® and LEED®

Materials and Resources – Building Product Disclosure and Optimization, Material Ingredients Credit



Version 3.1

Benefits

- A non-PVC shade cloth with healthful properties.
- Intended to be reclaimed and recycled into a new, first-quality product rather than downcycled into a product of lesser quality.
- Antifungal.
- Flame retardant.
- Durable and washable.
- Selected by *Environmental Building News* a Top-10 Green Building Product.

EcoVeil

The material is the world's first Cradle to Cradle (C2C) Certified shade cloth. The manual Mecho®/5 System with EcoVeil has been awarded a C2C (version 3.1) Bronze Certification, and is the world's only complete C2C-Certified shading system. Utilizing a core of Thermoplastic Olefin (TPO) fiber filaments and a TPO coating, EcoVeil has similar characteristics to other MechoSystems shade cloths, plus the added benefit of being fully recyclable.

The Cradle to Cradle design paradigm was developed by William McDonough and Dr. Michael Braungart, and the certification program is now administered by a 3rd-party organization, the Cradle to Cradle Products Innovation Institute. The product standard assesses manufactured ingredients on a number of criteria, such as:

- The use of safe and healthy materials.
- Design for material reuse and recycling.
- Efficient use of energy and water throughout production.
- Intelligent eco-strategies for social responsibility.

LEED New Construction, Core and Shell, Schools, and Healthcare v4:

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Projects seeking LEED v4 certification can earn up to two points in this category by using products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts.

The intent is to encourage a product life-cycle approach that improves performance and promotes resource efficiency in the extraction, processing, transport, maintenance, and disposal of building materials.

Credit requirements: Use at least 20 different products from at least five different manufacturers that demonstrate products' chemical make-ups to at least 0.1% (1,000 ppm), using any of the approved chemical-inventory programs. And/or use at least 25% of the total products' cost-value from manufacturers that document material-ingredient optimization (using approved paths or accepted 3rd-party verifications, including C2C Certifications).



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