



**Our sustainability goals by the year 2020:**

- Zero carbon footprint
- Zero landfill
- Zero hazardous waste generation
- Zero air emissions (VOCs)
- Zero process water use
- 100 percent green electrical energy use
- Company buildings constructed to a minimum LEED Silver certification
- 100 percent of sales from DfE approved products



**Environmental Product Summary**

# Canvas Office Landscape™ Beam-Based

**Design Story: Simple, Responsive, Comprehensive**

At Herman Miller, we invented systems furniture. So it's not surprising we are leading the way to a simpler, more responsive, and more comprehensive way to create interiors. Canvas Office Landscape, conceived with designers Jeffrey Bennett and Nicholas Dodziuk and built upon the designs of Doug Ball and Joey Ruiters, creates a broad range of work environments for individuals, groups, and entire organizations.

Canvas has a simple set of elements that combine to vary the features of the office topography. No matter which elements are chosen, they link in a holistic way, so there is balance among the elements that enliven spaces. Thus, Canvas can be used to express an organization's perspective. In doing so, Canvas always keeps people in the foreground, giving them choices about where and how to work, variety in the types of spaces available, and ways to further the human connections that lead to new ideas.

**Herman Miller's Design Protocol**

Our commitment to corporate sustainability naturally includes minimizing the environmental impact of each of our products. Our Design for Environment team (DfE) applies environmentally sensitive design standards to both new and existing Herman Miller products, utilizing the McDonough Braungart Design Chemistry (MBDC) Cradle to Cradle<sup>SM</sup> Design Protocol.

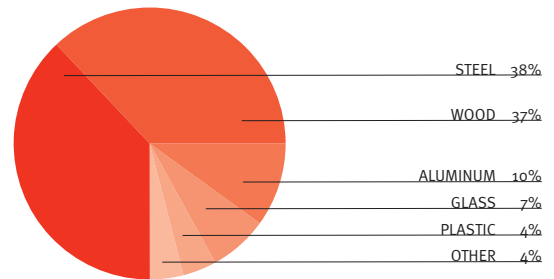
Cradle to Cradle Design Protocol goes beyond regulatory compliance to thoroughly evaluate new product designs in three key areas:

- *Material Chemistry and Safety of Inputs*—What chemicals are in the materials we specify, and are they the safest available?
- *Disassembly*—Can we take products apart at the end of their useful life, to recycle their materials?

- *Recyclability*—Do the materials contain recycled content, and more importantly, can the materials be recycled at the end of the product's useful life?

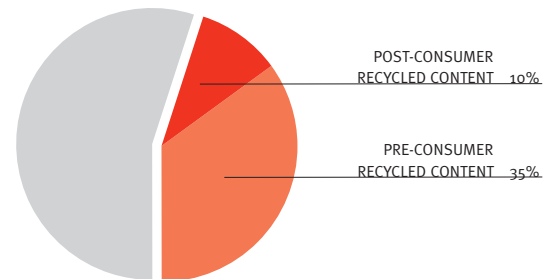
**Material Content**

Canvas beam-based components are constructed from wood, steel, glass, aluminum, plastic, and other materials.



Canvas beam-based is up to **53 percent recyclable** at the end of its useful life.

Canvas beam-based is comprised of **45-percent recycled** materials. This figure breaks down to 10-percent post-consumer and 35-percent pre-consumer recycled content.





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- Steel components contain approximately 33 percent recycled content and are 100 percent recyclable.
- Wood, while not technically recyclable, can be cycled back to the natural environment, such as through composting. The wood content in our work surfaces and storage unit substrates is comprised of 100-percent reclaimed wood, as certified by the Composite Panel Associations EPP. This wood content is made primarily of sawdust generated by other wood process operations. Additionally, wood waste from our operations can be burned in our energy center, which generates steam that we use in our operations facilities.
- Formcoat® work surfaces are finished with a polyester-based powder coating that seals the wood substrate and reduces off-gassing.
- All veneers used are purchased from suppliers practicing sustainable forestry techniques.
  - Approximately 60-80 percent of veneers are derived from domestically grown woods, notably cherry.
  - Sustainably harvested, rapidly renewable bamboo work surface veneer is also available.
  - All veneers are adhered to the substrate with water-based glues to minimize air emissions.
- Plastic components are identified with an ASTM recycling code whenever possible, to aid in returning these materials to the recycling stream.
- *Returnable Packaging*—Canvas' packaging materials include corrugated cardboard and expanded polystyrene foam. These materials are part of a closed-loop recycling system, meaning they can be recycled repeatedly.
  - Whenever possible, shipments between Herman Miller and its suppliers include the use of pallets and other returnable packaging to minimize waste.
  - On large North American orders, disposable packaging can be replaced with reusable shipping blankets.

### Manufacturing Process

- *ISO*—Canvas is manufactured in West Michigan at an ISO 14001-certified site.
- *Worker Health and Safety*—Herman Miller strives to meet or exceed OSHA standards.

### Product Performance

- Designed for minimal material use, reduced energy requirements, easy reconfiguration, and durability.
- Backed by Herman Miller's 12-year, 24/7 warranty.

### Indoor Air Quality

Canvas beam-based is GREENGUARD® certified as a low-emitting product that meets current indoor air quality standards.

### Corporate Environmental Policy

For more information on Herman Miller's Corporate Environmental Policy and other environmental efforts, see our Environmental Advocacy brochure, or visit the "About Us— Environmental Advocacy" section of HermanMiller.com.

### Supplier Support

At Herman Miller, we are committed to working closely with our suppliers to reduce our collective impact on the environment. We not only encourage our suppliers to minimize their operations' environmental impacts but require they assist us in decreasing our facilities' negative environmental effects, as well.

### LEED

Canvas beam-based may contribute to LEED credits due to its returnable/reusable packaging, durability, pre-consumer recycled content, and post-consumer content. Depending on location, Canvas beam-based also may contribute to a LEED Regional Materials credit. Please refer to <http://hermanmiller.com/ecoScorecard> or contact your Herman Miller representative for detailed LEED information.

***It's important to note that no interior furnishings, individually or collectively, can guarantee a specific number of points for LEED certification.***

Herman Miller complies with the Federal Trade Commission's Part 260 Guides for the Use of Environmental Marketing Claims.

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