



**Earthright: Herman Miller's Sustainability Goals**

**Resource Smart**

- Zero Waste
- Net Zero Water
- Net Zero Energy

**Eco-inspired Design**

- All products designed for the environment
- All products BIFMA level 3 certified
- Closed-loop recycling of used product

**Community Driven**

- All employees engaged in Earthright
- All suppliers committed to be Resource Smart



**Environmental Product Summary**

**Ethospace® System**

**Design Story: A Proven Frame-and-Tile System**

Since its introduction in 1984, the Ethospace System's durability and flexibility have ensured it remains the leading frame-and-tile system. Ethospace continues to evolve, its new components fitting comfortably alongside existing ones to expand its life and usefulness.

The first system to make natural light a given in its design, Ethospace uses glass tiles, translucent materials and lower-height walls to allow more sunlight into an office environment, while reducing the need for artificial lighting. Additionally, new configurations incorporating open returns and up-mounted storage reduce the amount of materials used in and on Ethospace's frame walls.

**Herman Miller's Design Protocol**

Our commitment to incorporate 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.

The DfE Design Protocol goes beyond regulatory compliance to thoroughly evaluate new product designs in four 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?
- *LCA*—Have we optimized the product based on the entire life cycle?

**level® Certification**

Ethospace System is level 3 certified. The level conformance mark ensures a comprehensive, independent, and impartial assessment of the environmental and social impacts of a product. For more information, go to [www.levelcertified.org](http://www.levelcertified.org).

**FSC® Certification**

Herman Miller has Forest Stewardship Council® (FSC) chain of custody certification and offers certain standard laminate and veneer worksurfaces and storage products with wood fronts and tops, with exceptions, as FSC-certified products. For a detailed list of these products and exceptions, please visit [HermanMiller.com/certified-wood](http://HermanMiller.com/certified-wood).

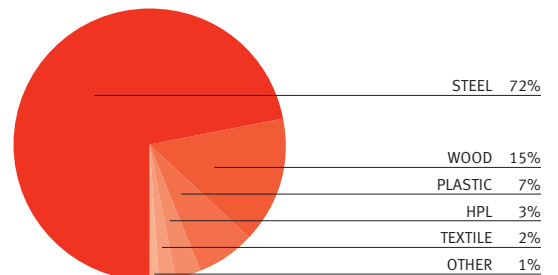


**GREENGUARD Certified**

The Ethospace System has achieved GREENGUARD and GREENGUARD Gold Certifications. GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit [ul.com/gg](http://ul.com/gg).

**Material Content\***

Ethospace System components are constructed from steel, wood, plastic, other materials, and textile.





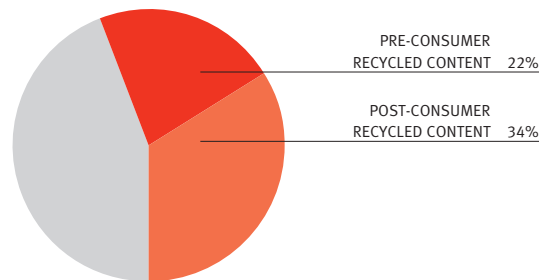
## Environmental Product Summary

# Ethospace System

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Ethospace is up to 79 percent recyclable based on availability of recycling facilities.

Ethospace is made of 56 percent recycled materials. The recycled content breaks down to 34-percent post-consumer and 22-percent pre-consumer content.



- Steel components contain approximately 37 percent recycled content and are 100 percent recyclable.
- Most metal components are finished using materials that emit negligible volatile organic compounds (VOCs).
- Wood, while not technically recyclable, can be cycled back to the natural environment through processes such as composting. The wood content in our work surfaces, tables, and storage unit substrates is made primarily of sawdust generated by other upstream wood process operations. Additionally, wood waste from our operations is burned in our Energy Center, which generates steam that we use in our manufacturing facilities.
- All veneers used are purchased from suppliers practicing responsible forestry techniques.
  - Approximately 60 to 80 percent of veneers are derived from domestically grown woods, notably cherry.
  - Responsibly 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.
- Textiles used in Herman Miller products can be made from natural or synthetic fibers. Several textiles are available with 100 percent recycled content.
- Plastic components are identified with an ASTM recycling code whenever possible, to aid in returning these materials to the recycling stream.

- **Returnable/Recyclable Packaging**—Packaging materials include corrugated cardboard, molded pulp, and expanded polystyrene foam. These materials are part of a closed-loop recycling system.
  - 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

- **Renewable energy and Emissions**—The Ethospace System is manufactured at Herman Miller’s GreenHouse seating operations in West Michigan using 100 percent renewable energy via renewable energy credits and a power purchase agreement. No air or water emissions are released in Ethospace System’s production.
- The GreenHouse is also a LEED Pioneer building.
- **ISO**—The GreenHouse is within the scope of Herman Miller’s ISO 14001 certified environmental management system.
- **Worker Health and Safety**—Herman Miller strives to meet or exceed OSHA standards. The GreenHouse is within the scope of Herman Miller’s OHSAS 18001 certified safety management system.

### Product Performance

- Designed for minimal material use, reduced energy requirements, easy reconfiguration, and durability.
- Soiled or damaged panel tiles are easily replaced.
- Backed by Herman Miller’s 12-year, 24/7 warranty.

### Corporate Sustainability Policy

For more information on Herman Miller’s Corporate Sustainability Policy and other environmental efforts, please visit [HermanMiller.com/environment](http://HermanMiller.com/environment).

### 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.



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### LEED

Ethospace may contribute to LEED credits due to its durability, pre-consumer and post-consumer recycled content, and GREENGUARD certification. Depending on location, Ethospace also may qualify to contribute to a LEED Regional Materials credit. The Herman Miller LEED calculator may be found on the websites product pages or contact your Herman Miller representative for detailed LEED information.

### rePurpose<sup>SM</sup> Program

Good design includes thinking about how to recycle used products. Our program, rePurpose, gives new life to furniture that's no longer needed. By employing a thoughtful combination of resale, recycling, and donation on each project, rePurpose ensures each asset, including furniture, equipment, and supplies, reaches its best destination. The rePurpose program is a cost-effective, reliable, and efficient service that protects the environment and benefits the community. rePurpose is a single-source approach, which saves time and money, eliminates liability, and keeps 99 percent of product out of landfills. Its robust web-based reporting helps organization of all types and sizes align economic, environmental, and social goals. Want to learn more about rePurpose? Contact us at [rePurpose@hermanmiller.com](mailto:rePurpose@hermanmiller.com).

***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.