

#### 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**

# Layout Studio



## Design Story:

Benching is one of the fastest-growing applications in today's office. As teams condense into smaller workstations, there's a growing need for systems that support individual preferences, apply across the landscape, and adapt to meet future needs.

It's easy for anyone to find a home base in Layout Studio. It integrates personalized work tools and storage and can take many forms across the office landscape in both seated and standing heights. Layout Studio's choices play well with organizations, too. It lets them scale up or down as needed and accommodate local preferences within a global system.

### 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. 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?

#### 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



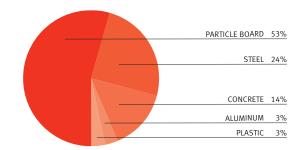
tops, with exceptions, as FSC-certified products. For a detailed list of these products and exceptions, please visit HermanMiller.com/certified-wood.

### **GREENGUARD** Certified

Layout Studio has achieved GREENGUARD certification. 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.

#### **Material Content**

Layout Studio components are constructed from particle board, steel, concrete, aluminum, and plastic.



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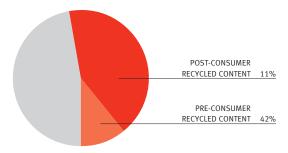


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Layout Studio components are up to 27 percent recyclable based on the availability of recycling facilities.

Layout Studio components are comprised of approximately 53-percent recycled materials. This figure breaks down to 11-percent post-consumer and 42-percent pre-consumer recycled content.



- Steel components contain approximately 37 percent recycled content and are 100 percent recyclable.
- 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.
- Plastic components are identified with an ASTM recycling code whenever possible, to aid in returning these materials to the recycling stream.
- Returnable Packaging—Layout Studio's 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**

- Renewable Energy—Layout Studio is manufactured in West Michigan using 100 percent renewable energy via renewable energy credits and a power purchase agreement.
- *ISO*—Layout Studio is manufactured in West Michigan at an ISO 14001-certified site.
- Worker Health and Safety—Herman Miller strives to meet or exceed OSHA standards. Layout Studio is manufactured at an OHSAS 18001-certified site.

#### **Product Performance**

- Designed for minimal material use, reduced energy requirements, easy reconfiguration, and durability.
- 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.

#### **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**

Layout Studio may contribute to LEED credits due to its returnable/reusable packaging, durability, pre-consumer recycled content, and post-consumer content. Depending on location, Layout Studio also may 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.

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### 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.

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

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