



### 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

## Action Office® System

#### Design Story: World's First, Built to Last

Herman Miller introduced Action Office in 1968. As the world's first open-plan office furniture system, Action Office was designed to provide customers with a strong, simple, and durable product that would last.

All Action Office components serve a function, with nothing added simply for show. Components manufactured today are compatible with the original generation, even as every effort is made to introduce improvements that will increase the long-term value, durability, and environmental friendliness of the product.

#### 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.

Our DfE 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

Action Office is level 1 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).

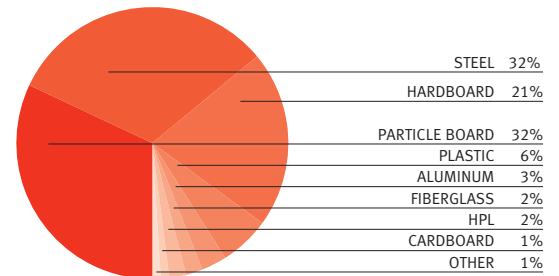


#### GREENGUARD Certified

The Action Office System (excluding wood finish options) 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](http://ul.com/gg).

#### Material Content\*

Action Office's components are constructed from wood, steel, particle board, hardboard, plastic, aluminum, fiberglass, HPL, cardboard, and other materials.



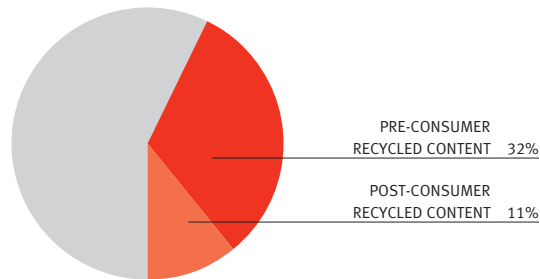
Action Office is up to 34 percent recyclable based on availability of recycling facilities.



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The typical Action Office System set-up is comprised of 43-percent recycled content. This figure breaks down to 11-percent post-consumer and 32-percent pre-consumer content.



- Steel components contain approximately 37 percent recycled content and are 100 percent recyclable.
- Aluminum components 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.
- Textiles used in Herman Miller products can be made from natural or synthetic fibers. Several textiles are available with 100 percent recycled content.
- Textile materials are part of an open-loop system and can be recycled into everything from automotive components to carpet padding at the end of their current life.

- **Returnable/Recyclable Packaging**—Packaging materials include corrugated cardboard, molded pulp, 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.

### Manufacturing Process

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

### Product Performance

- Designed for minimal material use, reduced energy requirements, easy reconfigurability, 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](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.

### LEED

Action Office may contribute to LEED credits due to its returnable/reusable packaging, durability, pre-consumer recycled content, and post-consumer content. Depending on location, Action Office also may contribute to a LEED Regional Materials credit. The Herman Miller LEED calculator may be found on the website's 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](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.