

Herman Miller's environmental advocacy is long-standing and comprehensive. Since the 1950s, we have been, in the words of founder D.J. De Pree, "stewards of the environment." Today over 400 employees play a direct role in the work of 9 different environmental groups engaged in efforts from improving air quality and reducing waste to green energy, LEED certification, and design for the environment.



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

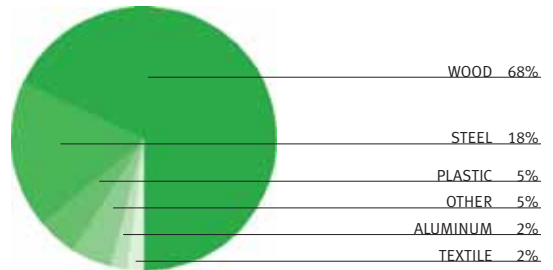
Our commitment to corporate sustainability naturally includes minimizing the environmental impact of each of our products. Our Design for the Environment team (DfE) applies environmentally sensitive design standards to both new and existing Herman Miller products, utilizing the McDonough-Braungart Cradle-to-Cradle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

Cradle-to-Cradle 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?

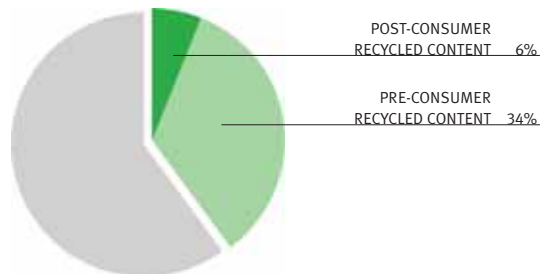
Material Content

Action Office's components are constructed from wood, steel, plastic, other materials, aluminum, and textile.



Action Office is up to **25 percent recyclable** at the end of its useful life.

The typical Action Office system set-up is comprised of **40-percent recycled** content. This figure breaks down to 6-percent post-consumer and 34-percent pre-consumer content.



- Panels have particle board stile and rail frames made from wood harvested in accordance with the Sustainable Forestry Initiative program.
- Hard-surfaced panels are covered with sustainably harvested hardboard certified by the Forest Stewardship Council (FSC).
- Aluminum components are 100 percent recyclable.

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- Steel components contain approximately 25 percent recycled content and are 100 percent recyclable.
- Wood content in work surface substrates is comprised of more than 90-percent reclaimed wood, as certified by Scientific Certification Systems. This wood content is made primarily of sawdust generated by other wood process operations.
- 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.
- 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.
- Action Office panels are also available with Kira fabric, a 100 percent bio-based compostable fiber.
- *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.
 - On large North American orders, disposable packaging can be replaced with reusable shipping blankets.

Manufacturing Process

- *Green Energy and Emissions*—Herman Miller is committed to the use of 100 percent renewable energy by the year 2020. The company is similarly committed to achieving a goal of zero air and water emissions from manufacturing by 2020.
- *Waste*—All solid wastes are recycled to the greatest extent possible.

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

Indoor Air Quality

The Action Office system (excluding wood finish options) is GREENGUARD™ certified as a low-emitting product that meets current indoor air quality standards. GREENGUARD-certified products also meet the emissions requirements of the State of Washington Furniture Systems criteria and the U.S. EPA Procurement Guidelines for Office Furniture.

Corporate Environmental Policy

For more information on Herman Miller's Corporate Environmental Policy and other environmental efforts, see our Environmental Advocacy booklet, or visit the "Environment" section of www.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

Action Office may contribute to LEED credits due to its returnable/reusable packaging, durability, pre-consumer and post-consumer recycled content, and GREENGUARD certification. Depending on project location, Action Office also may contribute to a LEED Regional Materials credit. Please contact your Herman Miller representative for detailed LEED credit sheets.

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.