

Our sustainability goals by the year 2020:

- 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 AERON® CHAIR

### Design Story: Shifting Paradigms with Pop Bottles

Herman Miller's Aeron chair rewrote the book on office seating with its distinctive look and high-performance design. In addition to its well-known ergonomic and functional qualities, Bill Stumpf and Don Chadwick designed the Aeron chair to be sparing of natural resources, durable and repairable, and constructed for ease of disassembly and recycling.

From its earliest developmental stages, the Aeron's raw material selection and sourcing process emphasized environmental friendliness, with a preference for renewable, sustainable, and recycled source materials, including recycled pop bottles.

### 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 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?

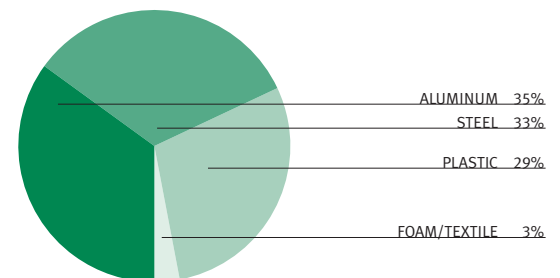
- *Recyclability*—Do the materials contain recycled content, and more importantly, can the materials be recycled at the end of the product's useful life?

### MBDC Cradle to Cradle Certification

Aeron is MBDC Silver Cradle to Cradle certified. This means that Aeron is composed of environmentally safe and healthy materials, is designed for material reuse in a closed-loop system, such as recycling or composting, and is assembled using 100% renewable energy.

### Material Content

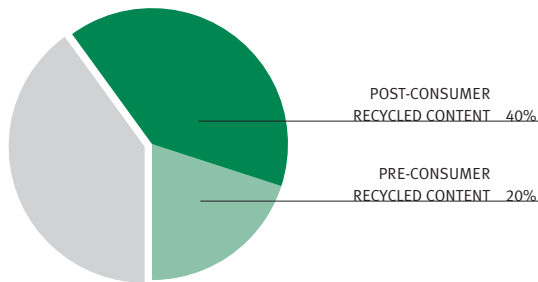
The Aeron chair's components are constructed from aluminum, steel, plastic, and foam/textile.



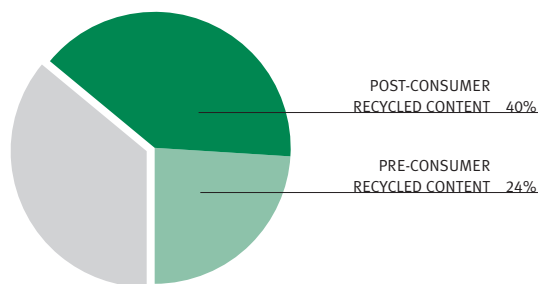
The Aeron chair is up to **94 percent recyclable** at the end of its useful life.

Aeron is comprised of up to **64-percent recycled** materials. This figure breaks down to 40-percent post-consumer recycled content and 20-percent to 24-percent pre-consumer recycled content.

**Graphite or Titanium Base/Frame**



**Polished Aluminum Base/Frame**



- All die-cast aluminum components are made from 100-percent recycled material and are 100 percent recyclable.
- Steel components contain approximately 25-percent recycled content and are 100 percent recyclable.
- Aeron work chairs and stools contain no PVC.
- Most metal components have a powder-coat paint finish that emits negligible volatile organic compounds (VOCs).
- Plastic components are identified with an ASTM recycling code whenever possible, to aid in returning these materials to the recycling stream.
- The seat frame and back contain over 60-percent recycled content, made from approximately 36 recycled two-liter plastic beverage bottles per chair.
- Foam and 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 and a polyethylene plastic bag. 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*—The Aeron chair is manufactured at Herman Miller’s GreenHouse seating operations in West Michigan using green energy.
- *ISO*—Aeron is manufactured in West Michigan at an ISO 14001-certified site.
- This plant also is a LEED Pioneer building.
- *Worker Health and Safety*—Herman Miller strives to meet or exceed OSHA standards.

**Product Performance**

- Easy assembly for cost-efficiency and quick parts replacement.
- Easy disassembly for recyclability.
- Designed for durability, an important environmental criterion.
- Backed by Herman Miller’s 12-year, 24/7 warranty.

**Indoor Air Quality**

The Aeron chair 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 brochure, or visit the “Environment” section of [www.HermanMiller.com](http://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.

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

# AERON CHAIR

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## LEED

The Aeron chair 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, Aeron 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.*

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