



## Earthright: Herman Miller's Sustainability Strategy

### 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

# Celle® Chair

### Design Story: The Next Chapter in Ergonomic, Sustainable Seating

The Celle Chair brings a new standard of comfort and support to the work seating market. As conceived and designed by Jerome Caruso, Celle's defining feature is its Cellular Suspension™, a new concept that uses pliable molded polymer "cells" and loops to responsively flex in concert with the body's movements throughout the workday.

Durable, easy to maintain, and packed with an impressive list of ergonomic features, Celle also is exceptionally earth-friendly, thanks to input from Herman Miller's Design for the Environment team. Among its many notable DfE qualities is Celle's ease of disassembly—it can be taken apart in less than five minutes, using common hand tools—for a truly recyclable work chair.

### 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?

### level® Certification

Celle is certified level 3. The level conformance mark ensures a comprehensive, independent, and impartial assessment of the environmental and social impacts of a product.

### Cradle to Cradle Certified™

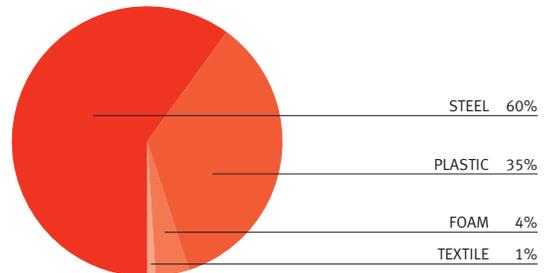
Celle is Cradle to Cradle Certified™ Silver. This means that Celle has been evaluated for its material health, and is designed for material reuse in a closed loop system, such as recycling or composting. It is assembled using 100% renewable energy.

### GREENGUARD® Certified

The Celle Chair has achieved GREENGUARD® Gold 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\*

The Celle Chair's components are constructed from steel, plastic, and textile.



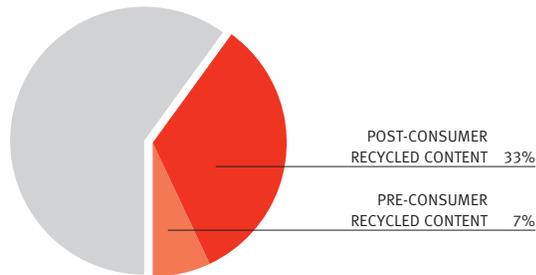


## Environmental Product Summary

# Celle® Chair

The Celle Chair is up to 98 percent recyclable based on availability of recycling facilities.

Celle is comprised of 40-percent recycled materials. This figure breaks down to 33-percent post-consumer and 7-percent pre-consumer recycled content.



- Every material has been scrutinized down to the molecular level.
- Steel components contain approximately 37 percent recycled content and are 100 percent recyclable.
- 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.
- Celle's optional polyester textile seat cover can be recycled based on availability of recycling facilities.
- *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

- *Renewable energy and Emissions*—The Celle Chair 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 Celle'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

- 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.

### 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

The Celle Chair may contribute to LEED credits due to its returnable/reusable packaging, durability, pre-consumer recycled content, and post-consumer content. Depending on location, Celle also may contribute to a LEED Regional Materials credit. Please refer to <http://hermanmiller.com/ecoScorecard> or contact your Herman Miller representative for detailed LEED information.

***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.