



## 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

# Caper® Stacking Chair

### Design Story: A Hard-Working, Earth-Friendly Chair

To develop a solution for hard-working, multiuse spaces, Herman Miller built on its extensive work chair research base and applied it to secondary seating. The result is the Caper chair, designed by Jeff Weber, of Stumpf/ Weber + Associates for ergonomic comfort, space efficiency, and multipurpose use.

In keeping with Herman Miller's commitment to environmental stewardship, Caper uses a high percentage of recycled content and is 100 percent recyclable. Its design requires minimal use of materials and components, which also minimizes production costs.

### 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

The Caper Stacking Chair 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™

The Caper Stacking Chair is Cradle to Cradle Certified™ Silver. This means that Caper 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.

### Global GreenTag™ GreenRate Certified

The Caper Stacking Chair are Global GreenTag™ GreenRate Level A certified. Global GreenTag™ is an Australian Competition and Consumer Commission (ACCC) approved National Certification Mark, an ISO compliant ecolabel and Green Building Councils of Australia and New Zealand recognized third party certifier. GreenTag GreenRate certification enables products to be allocated Level A, B or C in the Green Building Council of Australia (GBCA) and New Zealand GBC's Green Star™ tools and certify both VOC and formaldehyde (composite wood) credits.

### GREENGUARD® Certification

The Caper Stacking 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\*

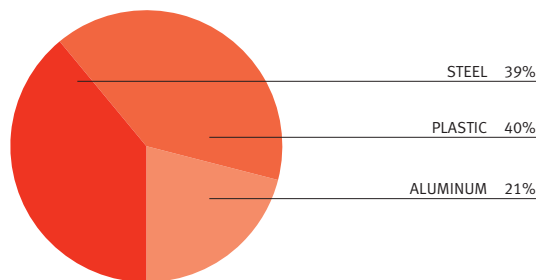
The Caper Stacking Chair's components are constructed from steel, plastic, and aluminum.



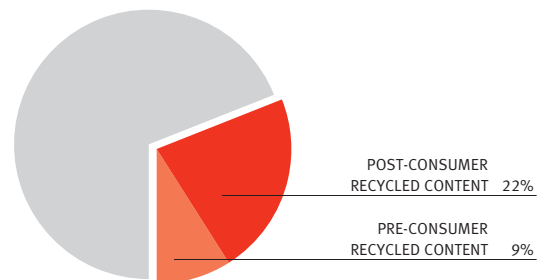
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# Caper® Stacking Chair

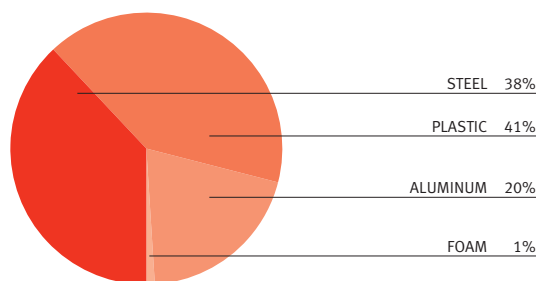
Caper Stacking Chair Plastic Seat



Caper Stacking Chair Flexnet Seat



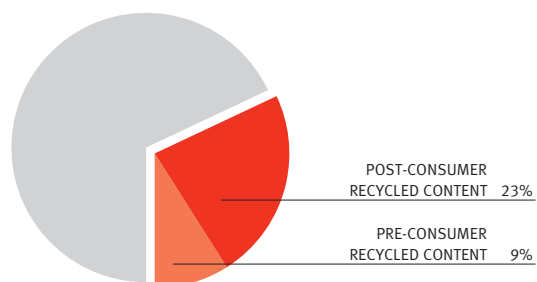
Caper Stacking Chair Flexnet Seat



The Caper Stacking Chair plastic seat is up to 95 percent recyclable based on availability of recycling facilities. The Caper Stacking Chair flexnet seat is up to 92 percent recyclable based on availability of recycling facilities.

The Caper Stacking Chair plastic seat is comprised of 32-percent recycled materials. This figure breaks down to 23-percent post-consumer and 9-percent pre-consumer recycled content. The Caper Stacking Chair flexnet seat is comprised of 31-percent recycled materials. This figure breaks down to 22-percent post-consumer and 9-percent pre-consumer recycled content.

Caper Stacking Chair Plastic Seat



- Steel components contain approximately 37 percent recycled content and are 100 percent recyclable.
- Die-cast aluminum components are typically made from more than 85-percent recycled material 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.
- *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 Caper Stacking 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 Caper'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



## Environmental Product Summary

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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 Caper Stacking Chair may contribute to LEED credits due to its returnable/reusable packaging, durability, pre-consumer recycled content, and post-consumer content. Depending on location, the Caper Stacking Chair 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.