



RECYCLED CONTENT FOR HERMAN MILLER PRODUCTS

Material Type	Weight (lb)	Post Industrial Recycled Content	Post Consumer Recycled Content	Total Recycled Content (PIR + PCR)	Recyclability
Aeron					
Aluminum Total	15.5 lb	19%	17%	36%	
Foam Total	0.9 lb	0%	0%	0%	
Plastic Total	13.2 lb	0%	12%	12%	
Steel Total	13.2 lb	3%	15%	18%	
	42.8 lb	22%	44%	66%	94%
Mirra					
Aluminum Total	6.2 lb	6%	6%	12%	
Foam Total	0.8 lb	0%	0%	0%	
Plastic Total	14.7 lb	0%	0%	0%	
Steel Total	28.3 lb	5%	25%	30%	
Textile Total	0.2 lb	0%	0%	0%	
	50.2 lb	11%	31%	42%	96%
Caper					
Aluminum Total	0.9 lb	4%	4%	8%	
Plastic Total	4.3 lb	0%	0%	0%	
Steel Total	5.6 lb	2%	11%	13%	
	10.8 lb	6%	15%	21%	100%
Equa 2					
Aluminum Total	10.1 lb	15%	14%	29%	
Fabric Total	0.3 lb	1%	0%	1%	
Foam Total	2.2 lb	0%	0%	0%	
Plastic Total	13.7 lb	0%	0%	0%	
Steel Total	9.4 lb	1%	5%	6%	
	35.8 lb	17%	19%	36%	93%
Ambi					
Aluminum Total	0.8 lb	1%	0%	2%	
Foam Total	3.1 lb	0%	0%	0%	
Plastic Total	12.5 lb	0%	0%	0%	
Steel Total	34.0 lb	2%	14%	16%	
Textile Total	0.6 lb	1%	0%	1%	
	51.0 lb	4%	14%	19%	84%
Reaction					
Aluminum Total	3.9 lb	5%	5%	10%	
Foam Total	4.2 lb	0%	0%	0%	
Plastic Total	17.8 lb	0%	0%	0%	
Steel Total	12.1 lb	1%	6%	7%	
Textile Total	1.0 lb	3%	0%	3%	
	39.1 lb	9%	11%	20%	75%

Material Type	Weight (lb)	Post Industrial Recycled Content	Post Consumer Recycled Content	Total Recycled Content (PIR + PCR)	Recyclability
Ergon					
Aluminum Total	6.8 lb	8%	7%	15%	
Foam Total	4.7 lb	0%	0%	0%	
Plastic Total	19.5 lb	0%	0%	0%	
Steel Total	14.4 lb	2%	8%	10%	
Textile Total	1.0 lb	2%	0%	2%	
	46.5 lb	12%	15%	27%	80%

Resolve System					
Plastic Total	41.7 lb	0%	0%	0%	
Steel Total	234.6 lb	3%	15%	18%	
Textile Total	5.3 lb	0%	0%	0%	
Wood Total	35.4 lb	9%	0%	9%	
	317.1 lb	12%	15%	27%	86%

Ethospace System					
High Pres. Laminate	13.2 lb	0%	0%	0%	
Misc. Total	10.8 lb	0%	0%	0%	
Plastic Total	37.2 lb	0%	0%	0%	
Steel Total	658.8 lb	3%	16%	19%	
Textile Total	19.6 lb	0%	2%	2%	
Wood Total	141.9 lb	14%	0%	14%	
	820.3 lb	17%	18%	35%	78%

Action Office					
Aluminum Total	11.4 lb	0%	0%	0%	
High Pres. Laminate	13.2 lb	0%	0%	0%	
Misc. Total	14.6 lb	0%	0%	0%	
Plastic Total	24.9 lb	0%	0%	0%	
Steel Total	99.2 lb	1%	4%	5%	
Textile Total	9.5 lb	0%	2%	2%	
Wood Total	368.2 lb	17%	0%	17%	
	541.1 lb	18%	6%	24%	25%

Passage System					
High Pres. Laminate	13.2 lb	0%	0%	0%	
Misc. Total	10.5 lb	0%	0%	0%	
Plastic Total	8.5 lb	0%	0%	0%	
Steel Total	416.0 lb	3%	14%	17%	
Textile Total	3.0 lb	0%	1%	1%	
Wood Total	158.5 lb	22%	0%	12%	
	609.7 lb	25%	15%	40%	70%

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
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

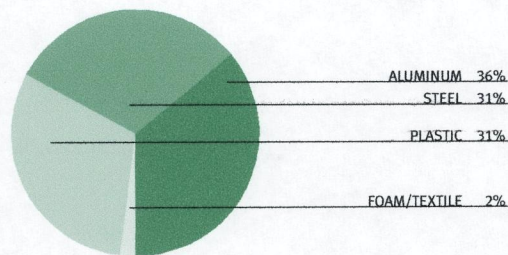
Our commitment to corporate sustainability naturally includes minimizing the environmental impact of each of our products. Our Design for the Environment team (DfE) applies environmentally sensitive design standards to both new and existing Herman Miller products, utilizing the McDonough-Braungart Cradle-to-Cradle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

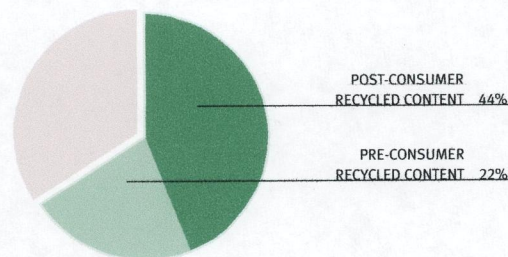
Material Content

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 **66 percent recycled** materials. The recycled content breaks down to 44 percent post-consumer and 22 percent pre-consumer content.



AERON® CHAIR

- All die cast aluminum components are made from 100 percent recycled material.
- Aluminum components can be segregated and returned to the recycling stream as a technical nutrient.
- Steel components contain approximately 25 percent recycled content and are 100 percent recyclable as a technical nutrient.
- 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 50 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; each is part of a closed-loop recycling system, for repeated recycling.
 - 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*—Aeron is manufactured in West Michigan at an ISO 14001-certified site.

Product Performance

- Easy assembly for cost-efficiency and quick parts replacement.
- Easy disassembly for recyclability.
- Number One design and environmental criteria: Durability.
- Backed up 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 booklet ([link](#)), 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

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.

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

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
CAPER® 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.

Caper—both the multipurpose stacker and the multitask chair—weighs an average 50 percent less than competitive products. This results in a significant reduction in raw materials and energy consumed in its manufacture, and a corresponding decrease in the amount of material to recycle at the end of the chair's life cycle.

Herman Miller's Design Protocol

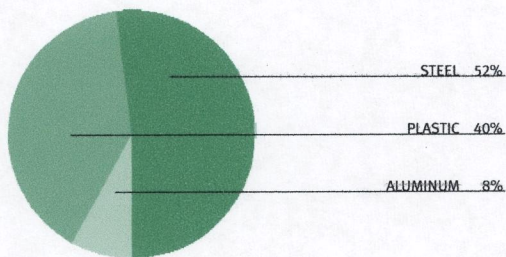
Our commitment to corporate sustainability naturally includes minimizing the environmental impact of each of our products. Our Design for the Environment team (DfE) applies environmentally sensitive design standards to both new and existing Herman Miller products, utilizing the McDonough-Braungart Cradle-to-Cradle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

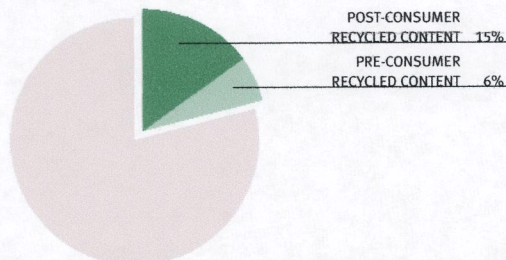
Material Content

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



The Caper chair is up to **100 percent recyclable** at the end of its useful life.

Caper is comprised of **21 percent recycled** materials. This figure breaks down to 15 percent post-consumer and 6 percent pre-consumer recycled content.



- Steel components can be segregated and returned to the recycling stream as a technical nutrient.
- Most metal components are powder-coated, which eliminates solvents and volatile organic compounds (VOCs) from the finishing process.
- Plastic components are identified with an ASTM recycling code whenever possible, to aid in returning these materials to the recycling stream.
- All die-cast aluminum components are made from 100 percent recycled material.
- Aluminum can be recycled in a closed-loop system similar to steel.
- *Returnable/Recyclable Packaging*—Packaging materials include corrugated cardboard and a polyethylene plastic bag; each is part of a closed-loop recycling system, for repeated recycling.
 - 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*—Caper is manufactured in West Michigan at an ISO 14001-certified site.

Product Performance

- Easy assembly for cost-efficiency and quick parts replacement.
- Easy disassembly for recyclability.
- Number One design and environmental criteria: Durability.
- Backed up by Herman Miller's 12-year, 24/7 warranty.

Indoor Air Quality

The Caper 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 booklet (link), 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

The Caper 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, Caper also may qualify to 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.

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

ETHOSPACE® SYSTEM

Design Story: A Proven Frame-and-Tile System

Since its introduction in 1985, the Ethospace system's durability and flexibility have ensured it remains the leading frame-and-tile system. Ethospace continues to evolve, its new components fitting comfortably alongside existing ones to expand its life and usefulness.

The first system to make natural light a given in its design, Ethospace uses glass tiles, translucent materials and lower-height walls to allow more sunlight into an office environment while reducing the use of artificial lighting. Additionally, new configurations incorporating open returns and up-mounted storage reduce the amount of materials used in and on Ethospace's frame walls.

Herman Miller's Design Protocol

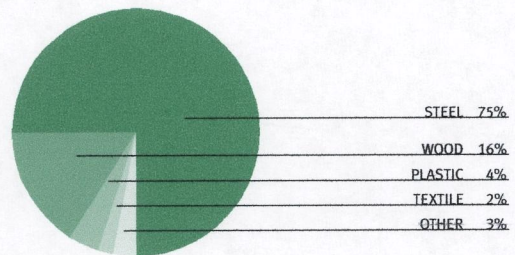
Our commitment to corporate sustainability naturally includes minimizing the environmental impact of each of our products. Our Design for the Environment team (DfE) applies environmentally sensitive design standards to both new and existing Herman Miller products, utilizing the McDonough-Braungart Cradle-to-Cradle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

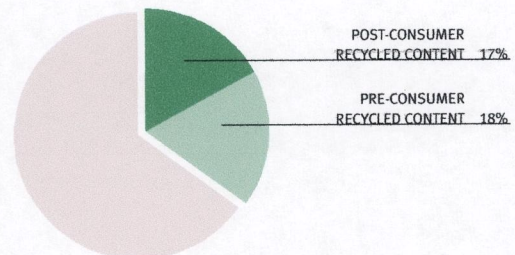
Material Content

Ethospace system components are constructed from steel, wood, plastic, textile, and other materials.



The Ethospace system is up to **78 percent recyclable** at the end of its useful life.

Ethospace is made of **35 percent recycled** materials. The recycled content breaks down to 17 percent post-consumer and 18 percent pre-consumer content.



- Steel components can be segregated and returned to the recycling stream as a technical nutrient.
- Wall frames are finished with autophoretic coating designed to last through many reconfigurations and free of volatile organic compounds (VOCs) or heavy metals.

ETHOSPACE® SYSTEM

- Tackboard substrates are derived from sustainably harvested wood products certified in accordance with the Sustainable Forestry Initiative®.
- Available Formcoat™ polyester-based powder coating finish encapsulates wood surfaces and seals wood substrate.
- Work surface substrates composed of more than 90 percent pre-consumer recycled wood content certified in accordance with Scientific Certification Systems.
- Available low-emission, rapidly renewable Wheat Board substrate.
- Also available with sustainably harvested, rapidly renewable bamboo work surface veneer.
- Textiles used in Herman Miller products can be made from natural or synthetic fibers. Several textiles are available with 100 percent recycled content.
- Also available with Kira fabric, a 100 percent bio-based, compostable fiber.
- 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; each is part of a closed-loop recycling system, for repeated recycling.
 - 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*—Ethospace is manufactured in West Michigan at an ISO 14001-certified site.

Product Performance

- Easy assembly for cost-efficiency and quick parts replacement.
- Soiled or damaged panel tiles are easily replaced.
- Easy disassembly for recyclability.
- Number One design and environmental criteria: Durability.
- Backed up by Herman Miller's 12-year, 24/7 warranty.

Indoor Air Quality

The Ethospace system 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 (link), 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

Ethospace may contribute to LEED credits due to its durability, pre-consumer and post-consumer recycled content, and GREENGUARD certification. Depending on project location, Ethospace also may qualify to 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.

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

MY STUDIO ENVIRONMENTS™

Design Story: Small Footprint, Big Idea

Herman Miller asked award-winning Canadian designer Douglas Ball to develop a new system to address today's business office real estate constraints while maximizing the effectiveness of the 6'-by-8' workstation. Ball has responded with My Studio Environments, which successfully combines the complex and contradictory features of the private office and the open cubicle.

As an individual who confesses a love of small spaces including sailboat cabins and Volkswagen bus interiors, Ball set the goal of optimizing the individual work area to make it feel larger than it really is. The result is a system that's efficient, functional, and human-centered.

My Studio is the designed and developed according to the Cradle- to-Cradle protocols created by McDonough-Braungart Design Chemistry. It's also GREENGUARD™ certified. And thanks to the resourceful use of durable raw materials, My Studio assures years of cost-effective service followed by easy recycling at the end of its useful life.

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, 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

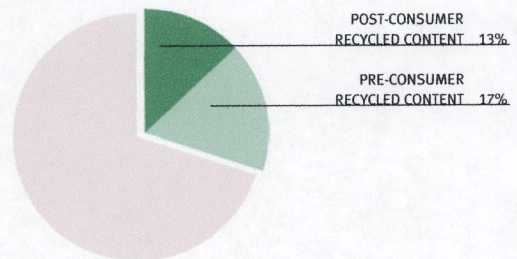
My Studio's components are constructed principally from steel, wood, aluminum, glass, plastic, and laminate.

My Studio is up to **69 percent recyclable** at



the end of its useful life.

My Studio is comprised of **30 percent recycled** materials. This figure breaks down to 13 percent post-consumer and 17 percent pre-consumer recycled content.



MY STUDIO ENVIRONMENTS™

- Steel components can be segregated and returned to the recycling stream as a technical nutrient.
- Most metal components are powder-coated, which eliminates solvents and volatile organic compounds (VOCs) from the finishing process.
- Work surface substrates are composed of more than 90 percent pre-consumer recycled wood content certified in accordance with Scientific Certification Systems.
- Also available with sustainably harvested, rapidly renewable bamboo work surface veneer.
- Available low-emission, rapidly renewable Wheat Board substrate.
- Plastic components are identified with an ASTM recycling code whenever possible, to aid in returning these materials to the recycling stream.
- *Returnable Packaging*—My Studio's packaging materials include corrugated cardboard and a polyethylene plastic bag to protect it from soiling or dust. Each of these materials is 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

- *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*—My Studio Environments is manufactured in West Michigan at an ISO 14001-certified site.

Product Performance

- Easy assembly for cost-efficiency and quick parts replacement.
- Easy disassembly for recyclability.
- Number One design and environmental criteria: Durability.
- Backed up by Herman Miller's 12-year, 24/7 warranty.

Indoor Air Quality

My Studio 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, visit www.HermanMiller.com/environment, and see our Environmental Advocacy booklet.

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

My Studio may contribute to LEED credits due to its returnable/reusable packaging, durability, pre-consumer recycled content, post-consumer content, and GREENGUARD certification. Depending on location, My Studio 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.