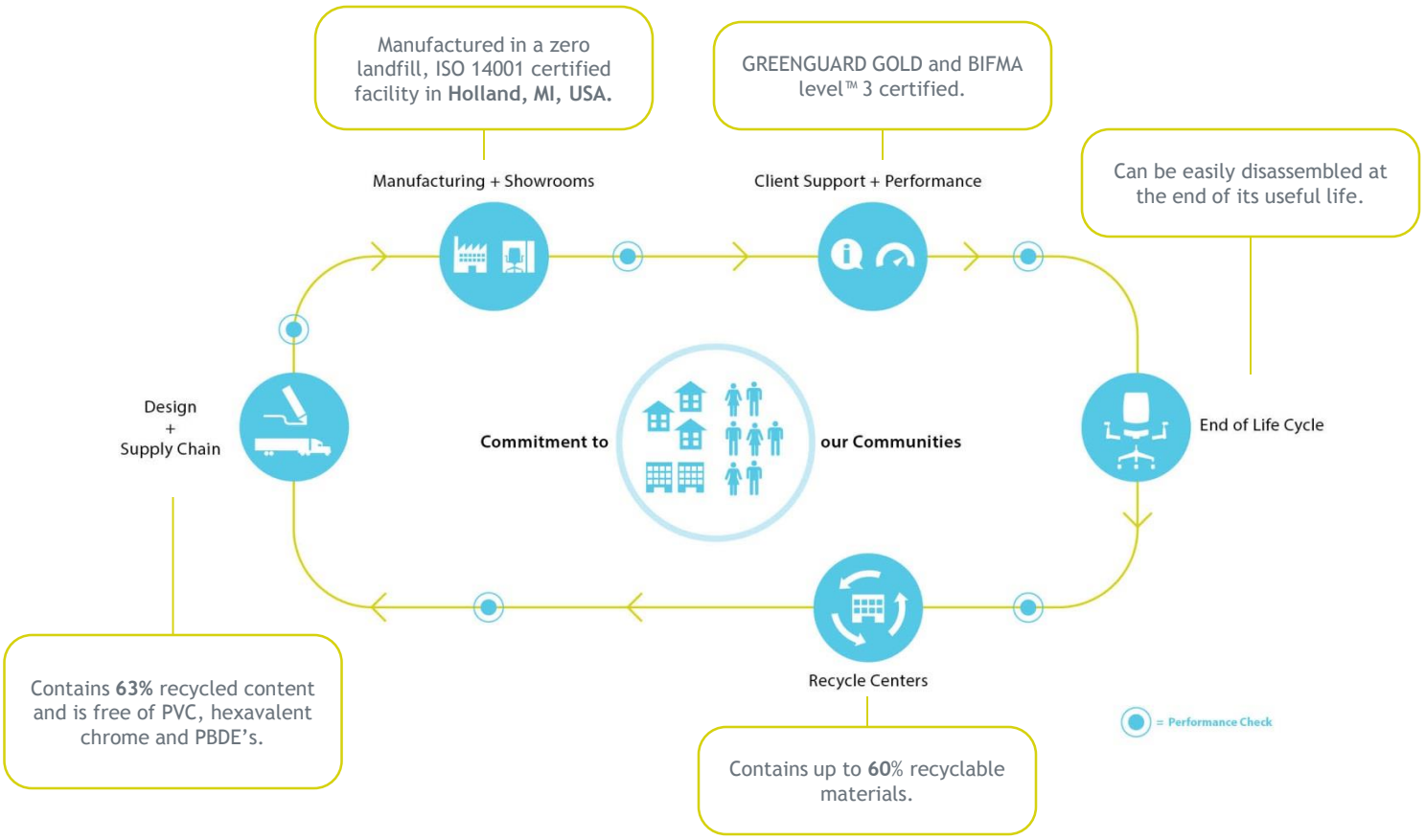
# Compose®

PRODUCT CATEGORY: SYSTEMS

## PRODUCT ENVIRONMENTAL DATA SHEET

SECTOR: NORTH AMERICA

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The recycled content calculation for Compose is based on a BIFMA typical configuration.

RECYCLED CONTENT

| | Material Weight | Post-Consumer Recycled Content | Pre-Consumer Recycled Content |
|---|---|---|---|
| Steel | 321.18 lbs (56%) | 109.31 lbs | 97.14 lbs |
| Particleboard | 168.32 lbs (30%) | 42.92 lbs | 100.15 lbs |
| Aluminum | 17.07 lbs (3%) | 1.71 lbs | 10.24 lbs |
| Plastic | 10.24 lbs (2%) | 0.00 lbs | 0.00 lbs |
| Other | 53.96 lbs (9%) | 2.10 lbs | 0.00 lbs |
| **Total** | **570.77 lbs (100%)** | **156.04 lbs (27%)** | **207.53 lbs (36%)** |

## PRODUCT CERTIFICATIONS

Level 3 certified
Certification # C0054326-122

GREENGUARD GOLD certified
Certification # 2645-420

Forest Stewardship Council® (FSC®) certified wood materials available as standard product offering.
Chain of Custody: SCS-COC-001218

## MATERIAL CHEMISTRY*

Compose Contains:

- ☐ Polyvinyl Chloride (PVC)
- ☐ Brominated or halogenated flame retardants
- ☐ Persistent organic pollutants
- ☐ Heavy metals (hexavelant chrome, lead, cadmium, mercury)
- ☐ Chlorofluorocarbons (CFCs)
- ☐ Phthalates
- ☒ None of the above

- ☒ Haworth Banned Chemicals List compliant
- ☒ Living Building Challenge™ Red List compliant[1]

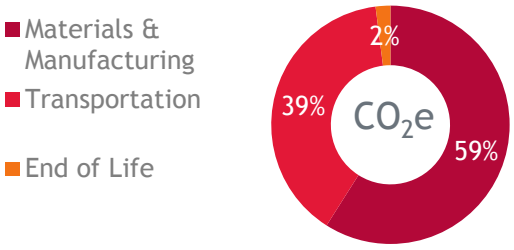
**chemicals disclosed to concentrations ≥ 100ppm of materials.*

*[1] Compliant when Green Core option is specified.*

## LIFE CYCLE ASSESMENT (LCA) SUMMARY*

| | |
|---|---|
| Global Warming Potential | 1050 kg $CO_2$ eq. |
| Acidification Potential | 5.69 kg $SO_2$ eq. |
| Eutrophication Potential | .94 kg N eq. |
| Smog | 121 kg $O_3$ eq. |

**Impact by life cycle stage**




**Impact assessment method: TRACI 2.1 v1.00 / US-Canadian 2008*

## RECYCLABILITY & END OF LIFE MANAGEMENT

| | Material Weight | Recyclable Content |
|---|---|---|
| Steel | 321.18 lbs (56%) | 320.53 lbs |
| Particleboard | 168.32 lbs (30%) | 0.00 lbs |
| Aluminum | 17.07 lbs (3%) | 17.07 lbs |
| Plastic | 10.24 lbs (2%) | 1.73 lbs |
| Other | 53.96 lbs (9%) | 0.00 lbs |
| **Total** | **570.77 lbs (100%)** | **340.88 lbs (60%)** |

Once a Haworth product reaches the end of its life, our product's end-of-life program ensures that customers have options (e.g., recycling, resale, refurbishment, and donation) to prevent it from being discarded into a landfill. To encourage recycling, we have published disassembly instructions for many of our products on the individual product pages. Our products have been intentionally built using highly-recyclable metals and plastics including steel, aluminum, polypropylene, and nylon.

We encourage our customers to contact us regarding end-of-life options in their region so that we can help them make the world a better place for future generations.

The polyethylene film and corrugated cardboard packaging materials used on Compose are both readily recyclable.

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## LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED®) v2009

### Interior Design and Construction (ID+C)

| | | |
|---|---|---|
| MRc4: Recycled Content | Compose contains 27% post-consumer and 36% pre-consumer recycled content. | 1-2 points |
| MRc5: Regional Materials | Compose is manufactured in Holland, MI, USA. | 1-2 points |
| MRc7: Certified Wood | FSC certified wood is available as standard product with some finish restrictions. | 1 point |
| IEQc4.5: Low-emitting materials – Systems Furniture and Seating | Compose is GREENGUARD GOLD certified as low-emitting. | 1 point |

### Building Design and Construction (BD+C)

| | | |
|---|---|---|
| MRc4: Recycled Content | Compose contains 27% post-consumer and 36% pre-consumer recycled content. | 1-2 points |
| MRc5: Regional Materials | Compose is manufactured in Holland, MI, USA. | 1-2 points |
| MRc7: Certified Wood | FSC certified wood available as standard product with some finish restrictions | 1 point |

### Existing Buildings: Operations and Maintenance (EB:OM)

| | | |
|---|---|---|
| MRc2: Sustainable Purchasing – Durable Goods | Compose contains 27% post-consumer and 36% pre-consumer recycled content. | 1-2 points |

### Building Design and Construction (BD+C): Healthcare

| | | |
|---|---|---|
| MRc5: Furniture and medical furnishings | Compose and adaptable components comply with Option 1. Compose has been evaluated down to 100ppm and does not contain hexavalent chrome, heavy metals, PFCs or PFOA, or added anti-microbial treatments. Compose is also Greenguard Gold certified. | 1-2 points |

To learn more about Haworth sustainability initiatives click here.

Product Support
Visit www.haworth.com to find the Haworth dealer closest to you.

Environmental support
Contact sustainability@haworth.com

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## LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED ®) v4

### LEED ID+C: Commercial Interiors |v4

| | | |
|---|---|---|
| MR109: Interiors life-cycle impact reduction | Depending on products chosen, Haworth products can contribute to some of the design for flexibility strategies including; take back system, recyclable materials, flexible power distribution, moveable walls, or access flooring. | 1-4 points |
| MR114: Building product disclosure & optimization- sourcing of raw materials | Haworth is a member of the UN Global Compact and published an annual Communication of Progress which contributes to Option 1: raw material source and extraction reporting. Haworth products also contain recycled content or FSC certified wood which contribute to Option 2: leadership extraction practices. | 1-2 points |
| IEQ112: Low-emitting Materials | Haworth products is Greenguard certified which is compliant with ANSI/BIFMA Standard Method M7.1-2011. | 1-3 points |

### LEED BD+C: New Construction |v4

| | | |
|---|---|---|
| MR114: Building product disclosure & optimization- sourcing of raw materials | Haworth is a member of the UN Global Compact and published an annual Communication of Progress which contributes to Option 1: raw material source and extraction reporting. Haworth products also contain recycled content or FSC certified wood which contribute to Option 2: leadership extraction practices. | 1-2 points |
| IEQ112: Low-emitting Materials | Haworth products is Greenguard certified which is compliant with ANSI/BIFMA Standard Method M7.1-2011. | 1-3 points |

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