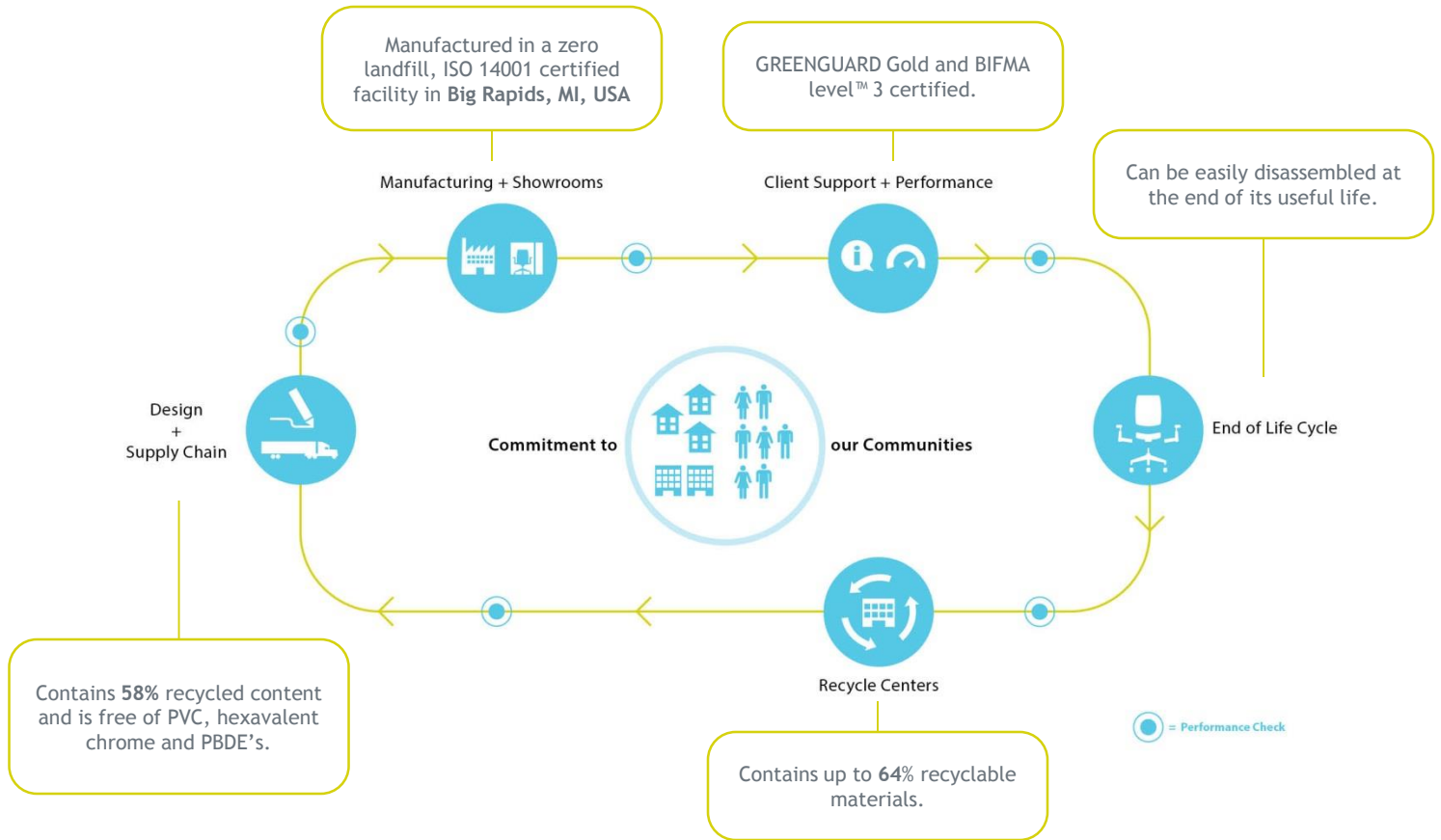


X Series® Desk

PRODUCT CATEGORY: DESKING

PRODUCT ENVIRONMENTAL DATA SHEET

SECTOR: NORTH AMERICA



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The recycled content calculation for X Series desk is based on a BIFMA typical configuration.

RECYCLED CONTENT

	Material Weight	Post-Consumer Recycled Content	Pre-Consumer Recycled Content
Steel	164.15 lbs (64%)	47.18 lbs	40.02 lbs
Particleboard	71.82 lbs (28%)	21.5 lbs	50.3 lbs
Plastic	5.57 lbs (2%)	0.00 lbs	0.00 lbs
Other	14.95 lbs (6%)	0.89 lbs	0.00 lbs
Total	256.48 lbs (100%)	66.39 lbs (26%)	82.75 lbs (32%)

PRODUCT CERTIFICATIONS



Level 3 certified
Certification # C0054326-126



GREENGUARD Gold certified
Certification # 999-420



Forest Stewardship Council® (FSC®)
certified materials are available as
standard.

Chain of Custody: SCS-COC-001218

MATERIAL CHEMISTRY*

X Series Desk Contains:

- ☐ Polyvinyl Chloride (PVC)
- ☐ Brominated or halogenated flame retardants
- ☐ Persistent organic pollutants
- ☐ Heavy metals (hexavalent chrome, lead, cadmium, mercury)
- ☐ Chlorofluorocarbons (CFCs)
- ☐ Phthalates
- ☒ None of the above
- ☒ Haworth Banned Chemicals List compliant
- ☐ Living Building Challenge™ Red List free

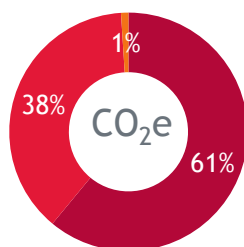
**chemicals disclosed to concentrations ≥ 100 ppm of materials.*

LIFE CYCLE ASSESMENT (LCA) SUMMARY*

Global Warming Potential	1020 kg CO ₂ eq.
Acidification Potential	5.38 kg SO ₂ eq.
Eutrophication Potential	0.899 kg N eq.
Smog	117 kg O ₃ eq.

Impact by life cycle stage

- Materials & Manufacturing
- Transportation
- End of Life



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

RECYCLABILITY & END OF LIFE MANAGEMENT

	Material Weight	Recyclable Content
Steel	164.15 lbs (64%)	161.65 lbs
Particleboard	71.82 lbs (28%)	0.00 lbs
Plastic	5.57 lbs (2%)	1.93 lbs
Other	14.95 lbs (6%)	0.00 lbs
Total	256.48 lbs (100%)	163.58 lbs (64%)

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.

X Series is packaged with polyethylene film and corrugated cardboard which are readily recyclable.

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LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED®) v2009

Interior Design and Construction (ID+C)

MRC4: Recycled Content	X Series Desk contains 26% post-consumer and 32% pre-consumer recycled content.	1-2 points
MRC5: Regional Materials	X Series Desk is manufactured in Big Rapids, MI, USA.	1-2 points
IEQc4.5: Low-emitting materials - Systems Furniture and Seating	X Series Desk is GREENGUARD Gold certified as low-emitting.	1 point

Building Design and Construction (BD+C)

MRC4: Recycled Content	X Series Desk contains 26% post-consumer and 32% pre-consumer recycled content.	1-2 points
MRC5: Regional Materials	X Series Desk is manufactured in Big Rapids, MI, USA.	1-2 points

Core and Shell Development (CS)

MRC4: Recycled Content	X Series Desk contains 26% post-consumer and 32% pre-consumer recycled content.	1-2 points
MRC5: Regional Materials	X Series Desk is manufactured in Big Rapids, MI, USA.	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

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 are 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 are Greenguard certified which is compliant with ANSI/BIFMA Standard Method M7.1-2011.	1-3 points

To learn more about Haworth sustainability initiatives [click here](#).

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HAWORTH®