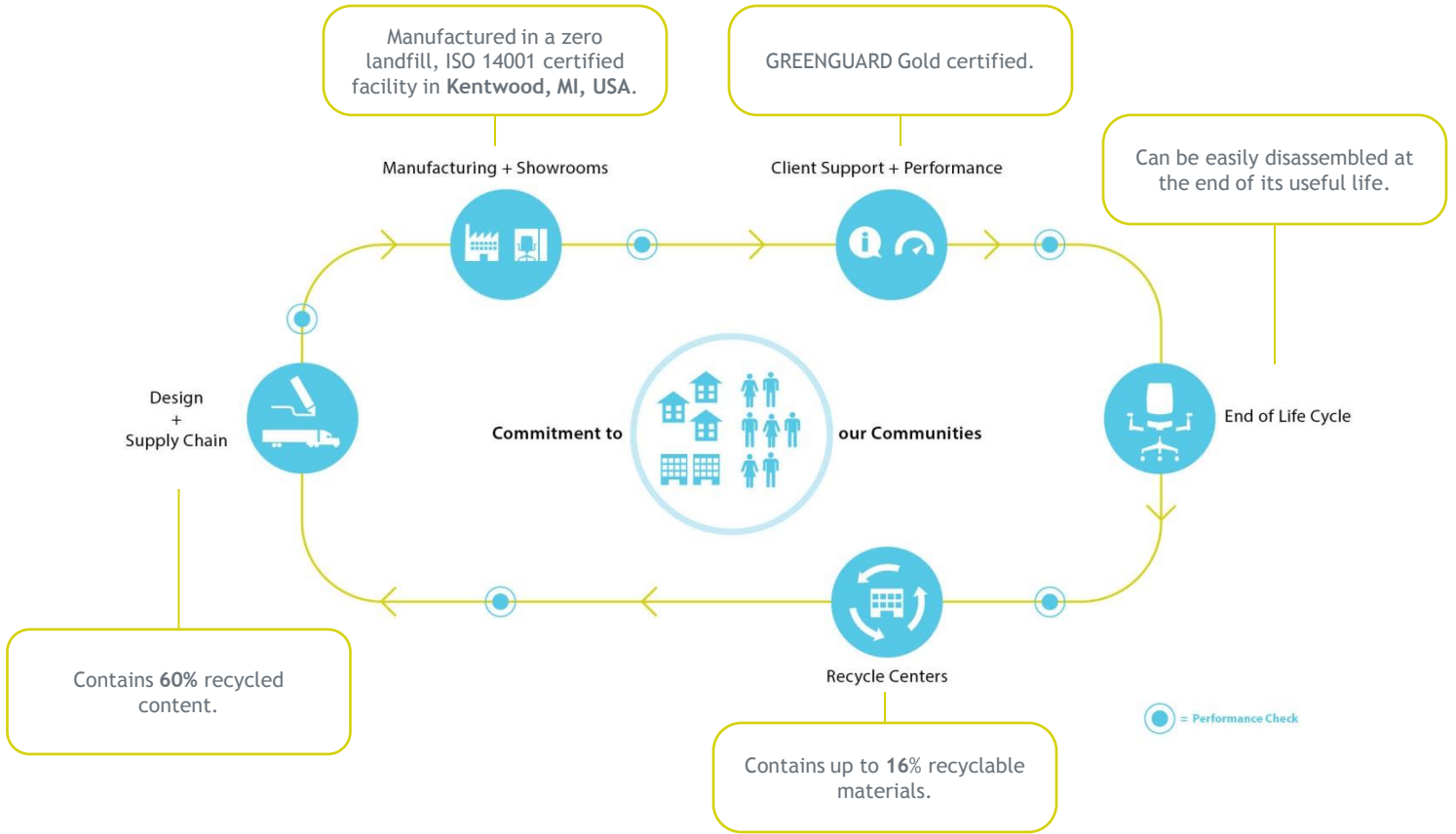


TecCrete®

PRODUCT CATEGORY: ACCESS FLOORING

PRODUCT ENVIRONMENTAL DATA SHEET

SECTOR: NORTH AMERICA



HAWORTH®

The recycled content calculation for the TecCrete is based on one bare TecCrete 1250 1 1/8" panel, one pedestal base with a 15" tube, a pedestal head and one screw.

RECYCLED CONTENT

	Material Weight	Post-Consumer Recycled Content	Pre-Consumer Recycled Content
Steel	7.60 lbs (16%)	5.93 lbs	1.10 lbs
Gypsum	39.80 lbs (84%)	0.00 lbs	21.40 lbs
Portland cement			
Aggregate			
Other materials	0.10 lbs (0%)	0.00 lbs	0.00 lbs
Total	47.50 lbs (100%)	5.93 lbs (13%)	22.50 lbs (47%)

PRODUCT CERTIFICATIONS



GREENGUARD Gold certified
 Certification # 18530-420

MATERIAL CHEMISTRY

We believe that our products should be safe for humans and the environment. That's why we are working diligently to identify and eliminate chemicals of concern in the materials we source. While we have identified more than 870 chemicals that we plan to eliminate from our products throughout the next 10 years, we have identified 56 chemicals that we plan to eliminate by 2015.

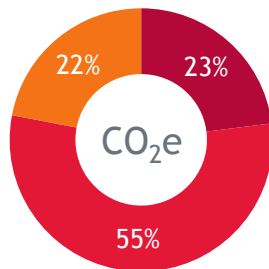
These include, among others, PVC, benzidine dyes, ozone depletors, hexavalent chromium, certain hazardous phthalates, and PBDE flame retardants. We are committed to achieving this goal and being transparent with our customers about our progress.

LIFE CYCLE ASSESMENT (LCA) SUMMARY

Global Warming Potential	77.8 kg CO ₂ eq.
Acidification Potential	0.386 kg SO ₂ eq.
Eutrophication Potential	0.154 kg N eq.
Smog	10.2 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	7.60 lbs (16%)	7.60 lbs
Gypsum	39.80 lbs (84%)	0.00 lbs
Portland cement		
Aggregate		
Other materials	0.10 lbs (0%)	0.00 lbs
Total	47.50 lbs (100%)	7.60 lbs (16%)

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. 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 concrete mixture in TecCrete may be crushed and incorporated into road beds at end of life.

LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED®) v2009

Interior Design and Construction (ID+C)

EAc1.3: Optimize Energy Performance- HVAC	TecCrete access floors are designed to support under floor air distribution, which is 20-30% more efficient than other HVAC systems.	5-10 points
MRC4: Recycled Content	TecCrete contains 3% post-consumer and 47% pre-consumer recycled content.	1-2 points
MRC5: Regional Materials	TecCrete is manufactured in Kentwood, MI, USA.	1-2 points
IEQp1: Minimum IAQ Performance	TecCrete floors are designed to support under floor air distribution, which is more effective than traditional air distribution methods.	
IEQc4.5: Low-emitting materials - Systems Furniture and Seating	TecCrete is GREENGUARD Gold certified as low-emitting.	1 point
IEQc6.2: Controllability of Systems- Thermal Comfort	Under floor air distribution systems give building occupants the ability to control the airflow and temperature within their space.	1 point
IEQc7.1: Thermal Comfort- Design	Under floor air distribution systems discharge air at a lower velocity and temperatures closer to ambient, resulting in greater occupant comfort.	1 point

Building Design and Construction (BD+C)

EAc1: Optimize Energy Performance- HVAC	TecCrete access floors are designed to support under floor air distribution, which is 20-30% more efficient than other HVAC systems.	1-19 points
MRC4: Recycled Content	TecCrete contains 3% post-consumer and 47% pre-consumer recycled content.	1-2 points
MRC5: Regional Materials	TecCrete is manufactured in Kentwood, MI, USA.	1-2 points
IEQp1: Minimum IAQ Performance	TecCrete floors are designed to support under floor air distribution, which is more effective than traditional air distribution methods.	
IEQc6.2: Controllability of Systems- Thermal Comfort	Under floor air distribution systems give building occupants the ability to control the airflow and temperature within their space.	1 point
IEQc7.1: Thermal Comfort- Design	Under floor air distribution systems discharge air at a lower velocity and temperatures closer to ambient, resulting in greater occupant comfort.	1 point

LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED®) v4

LEED ID+C: Commercial Interiors | v4

EA104: Optimize Energy Performance	TecCrete access floors are designed to support under floor air distribution, which is 20-30% more efficient than other HVAC systems.	1-25 points
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
IEQ115: Thermal Comfort	Under floor air distribution systems give building occupants the ability to control the airflow and temperature within their space.	1 point

LEED BD+C: New Construction | v4

EA103: Optimize Energy Performance	TecCrete access floors are designed to support under floor air distribution, which is 20-30% more efficient than other HVAC systems.	1-25 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
IEQ115: Thermal Comfort	Under floor air distribution systems give building occupants the ability to control the airflow and temperature within their space.	1 point

Product Support

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

Environmental support

Contact sustainability@haworth.com

HAWORTH®