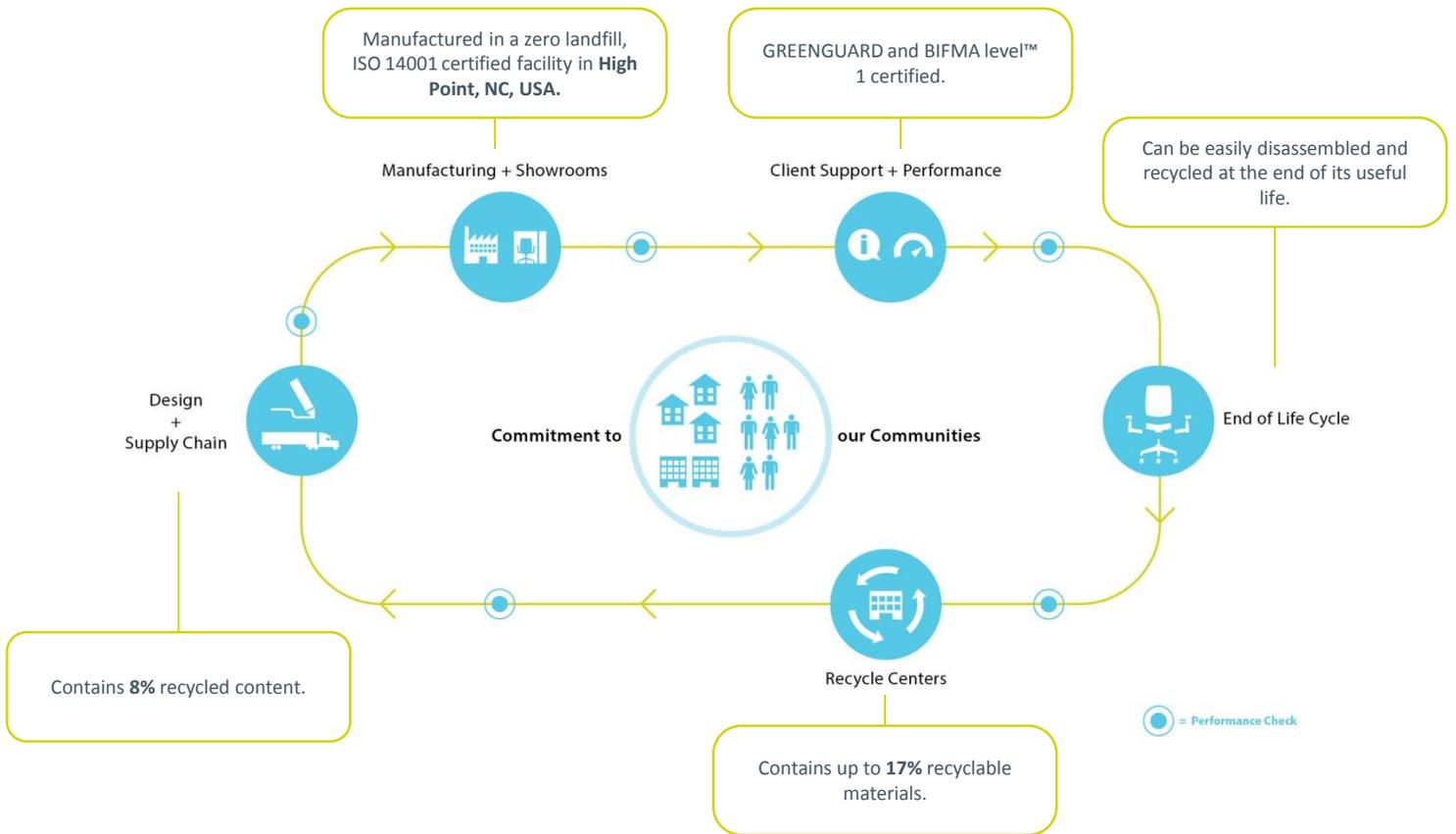


# SE04™

PRODUCT CATEGORY: SEATING

## PRODUCT ENVIRONMENTAL DATA SHEET

SECTOR: NORTH AMERICA



### Haworth Collection™

Through playful shapes and unexpected proportions José Serrano elevates basic forms to pure design. Colorful squares, rectangles, and trapezoids arranged in myriad configurations add up to a welcoming environment. SE04 elements can be comfortably paired with modern environments or used as a counterbalance to more classic architecture.

#### RECYCLED CONTENT

	Material Weight	Post-Consumer Recycled Content	Pre-Consumer Recycled Content
Plywood	29.60 lbs (67%)	0.00 lbs	0.00 lbs
Foam	7.10 lbs (16%)	0.00 lbs	0.00 lbs
Aluminum	4.90 lbs (11%)	0.50 lbs	2.90 lbs
Fabric	2.80 lbs (6%)	0.00 lbs	0.00 lbs
<b>Total</b>	<b>44.4 lbs (100%)</b>	<b>0.50 lbs (1%)</b>	<b>2.90 lbs (7%)</b>

CERTIFICATIONS



GREENGUARD certified.  
 Certification # 5624-410



Certified to the BIFMA e3 Furniture Sustainability Standard at level 1.  
 Certification # C0058029-106



Forest Stewardship Council® (FSC®) certified wood available through special order.  
 Chain of Custody: SCS-COC-001218

LIFE CYCLE ASSESMENT (LCA)

The total greenhouse gas emissions in terms of CO<sub>2</sub> equivalents is 83 kilograms.

The CO<sub>2</sub> equivalent emissions from the SE04 lifecycle are calculated using the IPCC 2001 GWP 100a methodology.

Life Cycle Assessments (LCAs) are one tool which allows us to enhance the triple bottom line of Haworth products by identifying high environmental impact stages within our products' lifecycles. Haworth is committed to better understanding and reducing the impacts of our products and operations on the natural world.

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.

END OF LIFE MANAGEMENT

	Material Weight	Recyclable Content
Plywood	29.60 lbs (67%)	0.00 lbs
Foam	7.10 lbs (16%)	0.00 lbs
Aluminum	4.90 lbs (11%)	4.90 lbs
Fabric	2.80 lbs (6%)	2.80 lbs
<b>Total</b>	<b>44.4 lbs (100%)</b>	<b>7.70 lbs (17%)</b>

Haworth has a well established and far reaching network of showrooms, dealerships and professional partners that are able to help with product take back. They can help determine whether the products can be recycled, refurbished, or donated locally.

Haworth products are designed for disassembly with simple tools. Disassembly instructions are posted on the Haworth website, which also include material designation for easy recycling. There are no hazardous chemicals in Haworth products that have to be handled in a special way.

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

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

MRC4: Recycled Content	SE04 contains 1% post-consumer and 7% pre-consumer recycled content.	1-2 points
MRC5: Regional Materials	SE04 is manufactured in High Point, NC, USA.	1-2 points
MRC7: Certified Wood	SE04 is available with FSC certified wood through special order.	1 point
IEQc4.5: Low-emitting materials - Systems Furniture and Seating	SE04 is GREENGUARD certified as low-emitting.	1 point

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

MRC4: Recycled Content	SE04 contains 1% post-consumer and 7% pre-consumer recycled content.	1-2 points
MRC5: Regional Materials	SE04 is manufactured in High Point, NC, USA.	1-2 points

**Core and Shell Development (CS)**

MRC4: Recycled Content	SE04 contains 1% post-consumer and 7% pre-consumer recycled content.	1-2 points
MRC5: Regional Materials	SE04 is manufactured in High Point, NC, USA.	1-2 points

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

Product Support

Visit [www.haworth.com](http://www.haworth.com) to find the Haworth dealer closest to you.

Environmental support

Contact [sustainability@haworth.com](mailto:sustainability@haworth.com)

Haworth Collection™

## 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 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](#).

Product Support

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Environmental support

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