

# Environmental Data Sheet ■

Matrix® Stack Seating – Poly  
Effective 02/01/2010

**Product Category:** Stack Seating

**Certifications:** Greenguard Certified  
CARB Compliant – Phase I

**LEED Contributions:** Recycled Content  
Regional Materials  
Low Emitting Materials  
Renewable Materials



## Program Overview:

Programs Include:	Category	Credit	Contribution
LEED CI LEED NC LEED EB	Materials & Resources	Recycled Content - MR 4.1 & 4.2 10% or 20% recycled content	Post-consumer Pre-consumer % by weight = 59.6%
	Materials & Resources	Regional Materials - MR 5.1 Manufactured within 500 miles of the project location.	Manufactured in: Green Bay, WI 54302
	Indoor Environmental Quality	Low Emitting Materials EQ 4.5	<u>LEED CI</u> - Greenguard Certified <u>LEED EB, LEED NC</u> - USGBC has allowed credit for furniture when submitted as an Innovation Credit.

## Recycled Content Summary:

Material Weight = 16 lbs. Poly/Armless	Average % Weight	Recycled Content %	% Post Consumer	% Pre Consumer	Can be recycled?
<b>Overall = 59.6%</b>			<b>13.5%</b>	<b>46.1%</b>	
Steel (rod)	54%	25%	13.5%	40.5%	Y
Polypropylene	46%	10%	0%	5.6%	Y

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## Other Materials Recycled Content Overview:

Corrugated Packaging - From SCS Sources	Recycled Content %	% Post Consumer	% Pre Consumer	Can be recycled?
	78%	28%	50.0%	Y

## Greenguard Certification:

- Measurements and results indicated below

	USGBC	GREENGUARD	GRADE
Formaldehyde	0.025 ppm	0.025 ppm	PASS
TVOC	0.25 mg/m3	0.25 mg/m3	PASS
Total Aldehydes	0.05 ppm	0.05 ppm	PASS

## Other Attributes:

**Packaging:** KI has other corporate initiatives that can support LEED credits. For example: KI's packaging has large amounts of recycled content – an average of 78% corrugated material, where corrugate is used. Wherever possible, KI will blanket wrap thereby eliminating the packaging waste. These packaging options help to support LEED NC & CI – MR 2.1 and MR 2.2 *Construction Waste Management* or LEED EB - MR Prerequisite 1.1 *Source Reduction and Waste Management*.

**End-of-Life Recycling & Reuse:** KI selects materials that can be recycled at the end of a product's use and designs its products so that it can be easily disassembled and separated for local recycling facilities.

**Renewable Materials:** KI has the option to include bio based foam in the seating line.

**Fabrics:** Fabric option is available with this product. Fabrics selections may contain between 0%-100% recycled content. Renewable materials in textiles are also available.

