



Furnishing Knowledge

Environmental Data Sheet

Lightline® Movable Wall

Rev: 01012016

Product Category: Movable Wall

Certifications:

- SCS Indoor Advantage™ Gold
- CARB Compliant – Phase II
- FSC® Certified Wood Option
 - Trademark License Code: FSC-C011706
- BIFMA e3 level 2 Certified
- OSHPD PreApproval OPA-2942-10 (2010 CBC)
- Seismic Structural Calculations



LEED Credits Overview & Contributions:

Please refer to the KI contacts for actual project based LEED write-ups, certifications, and submittal documents.

Recycled Content Summary

(averaged based on 2 glass panels and 1 aluminum panel (see illustration above) – % will vary based on configurations and selected options):

Material*	Average % Weight	Recycled Content %	Post-Consumer		Pre-Consumer		Can be recycled?*
			%	% Weight	%	% Weight	
Steel	2%	77.3%	46.2%	.9%	31.1%	.6%	Y
Aluminum	29%	70%	60%	17.4%	10%	2.9%	Y
Glass	68%	10%	-	-	10%	6.8%	Y
Other Materials	1%	0%	-	-	-	-	-
Sub Total	100%		18.3%		10.3%		
Total Overall Recycled Content			28.6%				

Packaging Material

Packaging options help to support LEED NC & CI – MR 2.1 and MR 2.2 <i>Construction Waste Management</i> or LEED EB - MR Prerequisite 1.1 <i>Source Reduction and Waste Management</i> .	Recycled Content %	% Post Consumer	% Pre Consumer	Can be recycled?*
Corrugated Packaging - From SCS Sources	57.9%	43.9%	14.0%	Y

Disclaimer: Numbers may vary based on model and options selected. Calculations of recycled content are based on data provided by suppliers and other available information. This data may include industry averages, ranges or other broadly based information. KI makes conservative assumptions when compiling information to provide the most accurate recycled content calculations possible. This document will be reviewed and updated periodically and is subject to change without notice.

* Product recyclability is dependent on local programs.

Regional Materials

Manufactured within 500 miles of the project location.

- Manufactured: Manitowoc, WI 54220
- Raw materials: As a just in time manufacturer, material selection, and project locations will vary. Please contact KI for specifics on this credit.

Daylight & Views

Applies to all regularly occupied spaces areas

- OPTION 1. Simulation – allows achievement of daylight illuminance levels of a minimum of 25 footcandles.
- OPTION 2. Prescriptive - Use a combination of side-lighting and/or top-lighting to achieve a total daylighting zone.



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SCS Indoor Advantage™ Gold

Certificate can be found at: www.scsglobalservices.org

- Qualifies for LEED low-emitting materials credits, complies with ANSI/BIFMA X7.1/M7.1, meets CA 01350, and sets you up to achieve the highest possible PHAROS score under the Healthy Building Network.



FSC: Certified Wood

FSC Chain of Custody can be found at: www.fsc.org

- Available by “special request” on wood door option
- *COC Number* – SCS-COC-002476



Level Information

- ANSI/BIFMA e3 level - Furniture Sustainability Standard. This standard deliver the most open and transparent means of evaluating and communicating the environmental and social impacts of furniture products in the built environment. Level’s methodology presents the environmental characteristics in a clear, easily understood, and “apples to apples” comparison.



LEED Pilot Credits:

- Pilot credit 80: Environmentally preferable interior finishes and furnishings, allows project teams to earn an Innovation point for purchasing products that are certified under ANSI/BIFMA e3 Furniture Sustainability Standard.
- Pilot Credit 44: Ergonomic Strategy; Identify activities and benefits of ergonomics in furnishings, equipment, and education.



Overview & Other Environmental Attributes:

Outline of additional certifications.

Healthier Hospital Initiative (HHI)

The Healthier Hospitals Initiative encourages manufacturers to provide information on furniture that meets the Healthy Interiors goals of the Safer Chemicals Challenge. This furniture meets the criteria outlined in the Healthier Hospitals Initiative (HHI) Healthy Interiors challenge according to KI. HHI has not verified this information.



CARB Phase 2 Compliant

- The California Air Resources Board, also known as CARB or ARB, is a part of the California Environmental Protection Agency (CalEPA). CARB Phase 2 Compliant means the product meets the formaldehyde emission limits of .05 ppm or less.



Office of Statewide Health Planning and Development (OSHPD)

OSHPD PreApproval (OPA)

- The structural attachment or equipment anchorage has been approved by OSHPD.
- An OPA is an “extra step” whereby the structural attachment or equipment anchorage is approved by OSHPD and given an approval or OPA number. This is a way of expediting the installation and permit process. Many Hospitals prefer equipment with an OPA-number.



SmartWay Certified

- KI recently acquired a new fleet of SmartWay Certified trucks, resulting in less fuel usage, decreased exhaust output, and economic savings. In addition, we utilize other SmartWay certified trucking companies when needed.





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Seismic Structural Calculations (Available upon request)

- Seismic Structural Calculations – Architectural Wall Systems
 - o Structural Calculations are available upon request showing compliance with the International Building Code® (IBC) along with applicable state and local building codes.
 - o The calculations apply to the Architectural Wall system and all of its components, including anchorage to the building substrate. It does not include an evaluation of the ceiling support grid, perimeter walls, bulkheads, or floor structure that supports the Architectural Wall system.

Other Attributes

- 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. *Disassembly Instructions* can be found online or by request.

Contacts for Questions or specifics:

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