

Krieger Specialty Products

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LEED (Leadership in Energy and Environmental Design) is a government sponsored rating system developed by the USGBC (U.S. Green Building Council) in 1998. Since then LEED has been evolving to provide a high standard for environmental sustainability.

No products may be classified as LEED certified. LEED is only intended to accredit an entire building or project. Our products, however, may help you earn credits for your project to become LEED certified.

Materials and Recycled Content

<u>Program</u>	<u>Checklist</u>	<u>Credit</u>	<u>Requirement</u>
LEED-NC LEED-CS LEED-S LEED-CI	Materials and Resources	Recycled Content M.R. 4.1	Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project.
LEED-NC LEED-CS LEED-S LEED-CI	Materials and Resources	Recycled Content M.R. 4.1	Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes an additional 10% beyond MR Credit 4.1 (total of 20%, based on cost) of the total value of the materials in the project.

Post-consumer material is defined as waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended purpose.

Pre-consumer material is defined as material diverted from the waste stream during the manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

<u>Krieger Products</u>	<u>Post-consumer Recycled Steel</u>	<u>Pre-consumer Recycled Steel</u>	<u>Combined Percentages</u>	<u>Percent of Recycled Content by Weight</u>	<u>Percent recycled by cost</u>
Frames	23.5	6.5	30.4	30.4%	15%
Sound Doors	23.5	6.5	30.4	17%-25%	15%
Bullet Doors	23.5	6.5	30.4	24.4%	15%

<u>Program</u>	<u>Checklist</u>	<u>Credit</u>	<u>Requirement</u>
LEED-NC	Materials	10% Locally	Use building materials or products that have been extracted, harvested or recovered, as well

LEED-CS LEED-S LEED-CI	and Resources	Harvested Materials M.R. 5.1	as manufactured, within 500 miles of the project site for a minimum of 10% (based on cost) of the total materials value. If only a fraction of a product or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.
LEED-NC LEED-CS LEED-S LEED-CI	Materials and Resources	20% Locally Harvested Materials M.R. 5.2	Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for an additional 10% beyond MR Credit 5.1 (total of 20%, based on cost) of the total materials value. If only a fraction of the material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value.

Krieger has several steel suppliers, two of which are located within 500 miles
A list will be provided upon request.

<u>Program</u>	<u>Checklist</u>	<u>Credit</u>	<u>Requirement</u>
LEED-CS LEED-S	Materials and Resources	Rapidly Renewable Materials M.R. 6	Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) for 2.5% of the total value of all building materials and products used in the project, based on cost.
LEED-NC	Materials and Resources	Certified Wood M.R. 7	Use a minimum of 50% of wood-based materials and products, which are certified in accordance with the Forest Stewardship Council's (FSC) Principles and Criteria, for wood building components.

Krieger purchases all of its wood crating materials from The Home Depot, who sells Forrest Stewardship Council (FSC) certified lumber. The wood veneers come from Veneers Products. They encourage the use of FSC certified wood and do have options that are rapidly renewable or locally grown.

Indoor Environmental Air Quality

<u>Program</u>	<u>Checklist</u>	<u>Credit</u>	<u>Requirement</u>
LEED-NC LEED-CS LEED-S LEED-CI	Indoor Environmental Quality	Low Emitting Materials: Paints and Coatings EQ 4.2	See LEED-CS EQ 4.2

There are no detectable amounts of VOCs in Krieger products at the point of installation.