

LEED Information

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

Program	Checklist	Credit	Requirement
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. 4.2	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.

Krieger Product	Post-Consumer Recycled Steel	Pre-Consumer Recycled Steel	Combined Percentages	Percent of Recycled Content by Weight	Percent Recycled by Cost
Frames	23.5%	6.5%	30.4%	30.4%	15%
Sound Doors	23.5%	6.5%	30.4%	17% - 25%	15%
Blast Doors	23.5%	6.5%	30.4%	24.4%	15%
Door Frames	23.5%	6.5%	30.4%	17% - 25%	15%
Cam Lift Hinges	55%	12%	77%	17% - 25%	15%
Thresholds	18%	49%	67%	17% - 25%	15%
Astragals	23.5%	6.5%	30.4%	17% - 25%	15%

Program	Checklist	Credit	Requirement
LEED-NC LEED-CS LEED-S LEED-CI	Materials and Resources	10% Locally Harvested Materials M.R. 5.1	Use building materials or products that have been extracted, harvested or recovered, as well 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.

Program	Checklist	Credit	Requirement
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 Materials 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 Forest Stewardship Council® (FSC®) certified lumber. The wood veneers come from G/L Veneer Company, Inc, and Talbert Architectural Panels & Doors. They encourage the use of FSC certified wood and do have options that are rapidly renewable or locally grown.

Krieger is certified by FSC an independent, non-governmental, not-for-profit organization established in 1993 as a response to global deforestation. License FSC-C116583.

For more information or to request FSC certified products, please contact your project manager.

Indoor Environmental Air Quality

Program	Checklist	Credit	Requirement
LEED-NC LEED-CS LEED-S LEED-CI	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.

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