

LEED.

Leadership in Energy & Environmental Design

Lenmak Exterior Innovations Inc. offers a wide variety of metal products, many of which can contribute to achievement of LEED certification. Among other credits, material & resource credits are often attainable through the use of post-industrial & post-consumer recycled content and local manufacturing.



LEED Indoor Environmental Quality Credit 2 - Low Emitting Materials - Paints & Coatings (1 point)

This credit rewards the use of non-hazardous paints and coatings. All prefinished aluminum products from Lenmak Exterior Innovations Inc. are painted with high-quality coatings in a controlled environment at the mill. After coating, the master coils are processed down into smaller coils and then re-processed into panel and trim components by Lenmak Exterior Innovations. Once cured at the mill, and before processing, the painted material emits no volatile organic compounds (VOC's), contributing to the potential achievement of this credit.



LEED Materials & Resources Credit 2 - Waste Management (2 points)

This credit addresses recycling or salvaging of non-hazardous construction debris. It is awarded based on a percentage of all construction debris on the project. Painted aluminum is 100% recyclable.

Applicable Sub-Credits

LEED MR 2.1 - 50% of Construction Waste Recycled or Salvaged - 1 Point

LEED MR 2.2 - 75% of Construction Waste Recycled or Salvaged - 2 Points



LEED Materials & Resources Credit 4 - Recycled Content (2 points)

This credit examines recycled content used on a project. A formula is used to quantify the recycled content relative to its value as a portion of the full project scope, and points are awarded based on two sub-credit categories.

Recycled Content

Post-Industrial 19% | Post-Consumer 80% | Total Recycled Content 89.5%

Formula

Eligible recycled content = (Value of Alum Products x 50% of Post-Industrial Rate) + (Value of Alum Products x 100% of Post-Consumer Rate)

Sample Calculation

A project with \$50,000 in aluminum product would have recycled content calculated as follows: $(\$50,000 \times 50\% \times 19\%) + (\$50,000 \times 100\% \times 80\%) = \$44,750$ Recycled Content Value



Applicable Sub-Credits

LEED MR 4.1 - 50% of Post-Industrial & 100% of Post-Consumer must meet/exceed 10% of total value - 1 Point

LEED MR 4.2 - 50% of Post-Industrial & 100% of Post-Consumer must meet/exceed 20% of total value - 2 Points

LEED Materials & Resources Credit 5 - Regional Materials (2 points)

This credit examines the proximity of extraction & manufacturing locations to the project site. Use of products or materials that have been extracted, recovered, or manufactured within 800 km (500 miles) of the project site may contribute to the achievement of credits in this category. Points are allocated based on the percentage of the material total value.

Applicable Sub-Credits

LEED MR 5.1 - Value of Regional Materials must meet/exceed 10% of total value - 1 Point

LEED MR 5.2 - Value of Regional Materials must meet/exceed 20% of total value - 2 Points

Manufacturing Location

All Lenmak products are manufactured in Edmonton, Alberta, Canada.

Extraction Location

Extraction point or source of aluminum products varies by gauge, colour, and material availability at the time of purchase. Materials shipped by rail or water are generally considered regional if their origin is within 2,400 km (1,500 miles) of the project site. For large projects where LEED compliance is communicated during the project planning phase, Lenmak may be able to source regional materials to help achieve this credit. Consult our sales desk before purchasing to determine product origin and LEED MR 5 compliance.

Formula

Regional material % Value = Value of Alum Products meeting Regional Criteria / Total Value

Other LEED Credits.

Visit www.cagbc.org for more information on LEED Credits including definitions, point values, qualifications and criteria, standard calculation methods, and submittal procedures.



Material	StrataClad	Aluminaire	Silhouette	ShadowClad	OmniClad	InterClad	Latitude	Meridian
Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>