LEED® Credit Opportunities

Eco-Friendly Metal Roofing and Wall Systems from IMETCO

IMETCO metal products are an ideal choice for LEED projects. Below is an overview of some of the LEED-NC credits to which IMETCO metal product can contribute. For more information, contact your IMETCO representative.

Sustainable Sites

SS Credit 7.2 **Heat Island Effect - Roof** **1 credit**

Use roofing materials on at least 75% of the roof surface that have a Solar Reflectance Index (SRI) equal to or greater than 78 for a low sloped roof (<2:12) or 29 for a steep sloped roof (≥2:12)

Color Name	SRI	Low Slope (<2:12)	Steep Slope (≥2:12)
Standard Colors			
Almond Suede	52	No	Yes
Blue Sapphire	29	No	Yes
Wedgewood	36	No	Yes
Cadet Gray	42	No	Yes
Solar White	87	Yes	Yes
Opal Star	83	Yes	Yes
Chestnut	32	No	Yes
Sandstone	61	No	Yes
Georgian Brick	37	No	Yes
Colonial Red	34	No	Yes
Silver Cloud	53	No	Yes
Irish Mist	34	No	Yes

Color Name	SRI	Low Slope (<2:12)	Steep Slope (≥2:12)
Designer Colors			
Cardinal Red	37	No	Yes
Caribbean Coral	50	No	Yes
Natural Patina	50	No	Yes
Premium Colors			
Platinum Silver	69	No	Yes
Brite Copper	48	No	Yes
Champagne	38	No	Yes
Preweathered Galvalume	33	No	Yes
Galaxy Blue	31	No	Yes

Materials & Resources: Construction Waste Management

MR Credit 2.1 **Construction Waste Management: Divert 50% from Disposal** **1 credit**

Recycle and/or salvage at least 50% of non-hazardous constructive and demolition debris. Develop and implement to construction waste management plan that, at a minimum, identifies the materials to be diverted from disposal and whether the materials will be sorted on-site or commingled. Excavated soil and land-clearing debris does not contribute to this credit. Calculations can be done by weight or volume, but must be consistent throughout.

MR Credit 2.2 **Construction Waste Management: Divert 50% from Disposal** **1 credit**

Recycle and/or salvage an additional 25% beyond MR Credit 2.1 (75% total) of non-hazardous constructive and demolition debris. Develop and implement to construction waste management plan that, at a minimum, identifies the materials to be diverted from disposal and whether the materials will be sorted on-site or commingled. Excavated soil and land-clearing debris does not contribute to this credit. Calculations can be done by weight or volume, but must be consistent throughout.

Exemplary Performance

Project teams may earn an **Innovation in Design** point for exemplary performance in Construction Waste Management when the percent of total waste diverted is 95% or greater

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Materials & Resources: Recycled Content

MR Credit 4.1 Recycled Content: 10% (post consumer + ½ pre-consumer) 1 credit

Use materials in which 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. The recycled content value of a material assembly shall be determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.

Recycled content shall be defined in accordance with the International Organization for Standardization document. ISO 14021 – Environmental labels and declarations – Self-declared environmental claims.

MR Credit 4.2 Recycled Content: 20% (post consumer + ½ pre-consumer) 1 credit

Use materials in which the sum of post-consumer recycled content plus on-half of the pre-consumer content constitutes an additional 10% beyond MR Credit 4.1 (total 20%, based on cost) of the total value of the materials in the project. The recycled content value of a material assembly shall be determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.

Recycled content shall be defined in accordance with the International Organization for Standardization document. ISO 14021 – Environmental labels and declarations – Self-declared environmental claims.

Exemplary Performance:

Project teams may earn an **Innovation in Design** point for exemplary performance when the requirements reach the next incremental step. For recycled content, the total recycled value must be 30% or greater.

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

Post-Consumer material is defined as material diverted from the wasted stream during the manufacturing process. Excluded is re-utilization of materials such as rework, re-grind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

Materials & Resources: Regional Materials

MR Credit 5.1 Regional Materials: 10% Extracted, Processed & Manufactured Regionally 1 credit

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. Only include materials permanently installed in the project.

MR Credit 5.2 Regional Materials: 20% Extracted, Processed & Manufactured Regionally 1 credit

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 a product or material is extracted/harvested/recovered and manufactured locally, then only that percentage (by weight) shall contribute to the regional value. Only include materials permanently installed in the project.

Exemplary Performance:

An **Innovation in Design** point for exemplary performance may be available when the next incremental percentage threshold is achieved. For regionally harvested, extracted and manufactured materials, the credit calculation must be 40% or greater.