

Recycled Content and LEED "Green" Building Rating System

Leed stands for "Leadership in Energy & Environmental Design", and the LEED Green Building Rating System represents the U.S. Green Building Council's efforts to provide a national standard that is designed to promote buildings that are environmentally responsible, healthy places to live and work, and have advanced industry principals, practices, materials, and standards.

Leed Version 2.1 Rating System provides a common measurement standard under which a building may become LEED certified. To become certified a building amasses points based on a credit system that pertains to a variety of building attributes.

The credits under which JR Metal Frames may contribute towards certification are: Materials & Resources Credit LEED Credit 4 recycled content 4.1 and 4.2. JR Metal is also fortunate to be located under 500 miles from our mill and steel distribution center thus making us eligible for Materials and Resources LEED Credit 5 Regional Materials.

Credit 4.1 (1 point) use materials with recycled content with post consumer plus 1/2 or pre consumer waste is 10% (based on cost) of the total value of materials on the project.

Credit 4.2 (1 point) use of materials with recycled content such that the sum of post consumer recycled content plus one half of the pre-consumer content constitutes at least 20% (based on cost) of the total value of the materials on the project.

Credit 5.1 (1 point) Regional Materials 10 % extracted, processed, and manufactured regionally. 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 min 10% (based on cost) of the total materials value. If only a fraction of the material extracted, harvested, or recovered, and manufactured locally, then only that percentage by weight shall contribute to the regional value.

Credit 5.2 (1 Point) Regional Materials 20 % extracted, processed, and manufactured regionally. 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 20% based on cost) of the total materials value. If only a fraction of the material extracted, harvested, or recovered, and manufactured locally, then only that percentage by weight shall contribute to the regional value.

1. Manufacturing location: Belgrade, Me
2. Steel Fabrication Location : South Plainfield, NJ
3. Steel Mill and Recycle Center Location: Fairless, PA

Distance Chart

1-3 = 391.17 miles
 2-3 = 36.21 miles
 2-1 = 354.96 miles

30 % scrap metal used in new steel construction
 37.5 % recycle content

 <small>MANUFACTURERS OF STANDARD AND CUSTOM HOLLOW METAL FRAMES AND DOORS</small> <small>287 Oakland Road, Belgrade, Maine 04917 USA Office 207-465-9066 Fax: 207-465-9452</small>			
QUALITY SINCE 1981	Title: Recycled Content		
Original Date:	Revision:	Revision Date:	Drawing Number:
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