



Bailey Metal Products Compliance with LEED[®] Green Building System Requirements - Recycled Content and Regional Materials

The current versions of the LEED[®] (New Construction and Major Renovations) rating systems in Canada and the USA state the basic intent, requirements and documentation submittals that are necessary to achieve each prerequisite and voluntary credit of a building project being considered for LEED[®] certification by the Canada (CaGBC) and US Green Building Councils (USGBC). Projects earn points toward certification by meeting or exceeding each credit's technical requirements. An important fact to note about the LEED[®] system is that most of the points require a coordinated approach by the project's design team and cannot be achieved merely by using a specific material or technology.

To highlight our contribution toward LEED[®] certification of a building project, we can confirm that the steel used in the manufacture of framing components by Bailey Metal Products is sourced from mills supplying flat rolled steel that complies with the **Recycled Content** and **Regional Materials** credit requirements outlined under the **Materials and Resources** key performance category of the LEED[®] rating system. The details of these specific contributions are outlined below:

Recycled Content (Credit 4.1)

The majority of sheet steel produced by ArcelorMittal Dofasco for building product applications uses electric arc furnace (EAF) steelmaking technology. EAF operations consume an average of 92.8% recycled steel scrap made up of the following types:

- 74.3% Post-Consumer scrap
- 17.8% Pre-Consumer scrap (aka post-industrial scrap)
- 0.7% Home scrap (internally generated from steel processing operations)

Regional Materials (Credit 5.1)

ArcelorMittal Dofasco have steelmaking operations located in Hamilton, Ontario, a scrap-rich region of Canada due to the large amount of auto part production, general manufacturing and metal processing that occurs in the area, as well as high collection rates generated from municipal "blue box" recycling programs. As a result, they can confirm that the steel scrap purchased for their steelmaking operations is acquired from large scrap yards located in Hamilton in close proximity to their mills.

If you have any questions please feel free to contact us at:

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