



April 2016

Subject: LEED Certification for Recycled Steel Content

Hollow Metal Xpress (HMX) LEED PROGRAM COMPLIANCE

Based on the U. S. Green Building Council LEED Reference Guide for Green Building Design and Construction 2009 publication for the design, construction and major renovations of commercial and institutional buildings including core & shell and K-12 school projects.

Material and Resources Credits 4.1 and 4.2

Recycled Content: HMX doors and frames contribute credits under Material and Resources Credit 4

Intent: To increase demand for building products that incorporate recycled content materials, thereby reducing impacts from extraction and processing of virgin materials.

Requirements: Use materials with recycled content* such that the sum of postconsumer** recycled content plus ½ of the pre-consumer*** content constitutes at least 10% or 20% based on cost, of the total value of the materials in the project.

Credits:

MR 4.1: 1 point - recycled content is at least 10% of the total value of the materials in the entire project.

MR 4.2: 1 additional point added to the MR 4.1 point – recycle content is at least 20% (MR 4.1 percentage plus an additional amount to equal a minimum of 20%) of the total value of the materials in the entire project.

HMX postconsumer recycled content is 59%, our pre-consumer recycled content 9% thus qualifying for the maximum credit.

*Recycled content is defined in accordance with the International Organization of Standards document, ISO 14021 – Environmental labels and declarations – Self declared environmental claims (Type II environmental labeling).

**Postconsumer 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. Reutilization of materials (i.e. rework, regrind, or scrap generated in a process and capable of being reclaimed within the same process that generated it) is excluded.

For further information regarding these credits visit the U. S. Green Building Council at www.usgbc.org

