



January 20, 2011

Regarding: LEED® 2.2 Credits for Cold-Formed Steel Framing
Credit MR 2.1/2.2 – Construction Waste Management
Credit MR 4.1/4.2 – Recycled Content Credit Intent
Credit MR 5.1/5.2 – Regional Materials

MBA Building Supplies manufactures light gauge metal framing products for use in both non-structural and load bearing applications. Steel framing is universally regarded for its recycled content composition, reclamation rate, and many other energy saving and environmental quality improving attributes. MBA supports the increasing demand for sustainable green buildings and recognizes the importance of steel framing towards reaching higher standards in environmentally and socially responsible construction.

“Steel is truly the most recycled material.”

Steel Recycling Institute (<http://www.recycle-steel.org/PDFs/leed/LEEDMAR09.pdf>)

Credit MR 2.1/2.2 – Construction Waste Management

MBA metal framing products are 100% recyclable. Credits are awarded based on recycling and salvage rates of construction and demolition materials. Retain waste hauling certificates for documentation of recycling rates. Additionally, MBA metal framing can be cut to exact standards during the manufacturing process, significantly limiting total construction waste.

Credit MR 4.1/4.2 – Recycled Content Credit Intent

The steel used by MBA in the manufacturing of light gauge metal framing is produced in one of two furnace types: Basic Oxygen Furnace (BOF) or Electric Arc Furnace (EAF). Each furnace type uses a different production method, resulting in different levels of recycled content. Individual manufacturer recycled content statistics are not applicable because of the open loop recycling capability that steel and iron industries enjoy, with available scrap typically going to the closest melting furnace.

The Steel Recycling Institute has set the industry standard recycled content levels for steel originating in the BOF and EAF processes. MBA metal framing products originate from an indeterminable mix of steel from these two furnace types.

Basic Oxygen Furnace (BOF)

Total Recycled Content 32.7%
Post-Consumer Recycled Content 25.5%
Post-Industrial Recycled Content 6.8%

Electric Arc Furnace (EAF)

Total Recycled Content 93.3%
Post-Consumer Recycled Content 56.9%
Post-Industrial Recycled Content 31.4%

Credit MR 5.1/5.2 – Regional Materials

The light gauge metal framing products provided by MBA for project sites are manufactured in multiple facilities throughout the United States. To qualify for this credit, MBA’s facilities must be within 500 miles of the project site. Additionally, the extraction point of the steel provided for the job site must also be within a 500 mile radius of the sourced location.

MBA is proud to support the construction of sustainable green buildings.

Sincerely,

Marian Ivan
Vice President of Operations
MBA Building Supplies