

LEED® v4.1 Statement

EPD and HPD

MRI Steel Framing is committed to supplying quality products that contribute to developing greener building projects as well as sustainability and environmental management.

MRI has an Environmental Product Declaration (EPD), Number SCS-EPD-08959, covering our Cold-Formed Steel (CFS) Framing Products, which conforms to ISO 14025, 14040, 14044, and ISO 21930. This EPD is a Product Specific Type III and has a Cradle to Gate scope. Furthermore, this Type III EPD has been externally reviewed following ISO 14071 and as such is eligible to contribute 150% of a product for the purposes of LEED® credits under the LEED® v4.1 standard. This EPD covers Low Embodied Carbon (LEC) CFS products as defined by the United States General Services Administration's (GSA) Interim IRA Low Embodied Carbon Material Requirements and qualifies for the Top 20% Limit for cold-formed and galvanized steel products.

In addition to this EPD, MRI also has a Health Product Declaration (HPD) with a Unique Identifier Number of 27459 covering our full line of Interior Framing, Structural Framing, Slotted Deflection Track and Accessories corresponding to Specification Sections 05.40.00 and 09.22.16.

Recycled Content

MRI products and accessories are manufactured from steel coil (100% by weight). Steel coil is manufactured in one of two basic types of steel mills: Basic Oxygen Furnace (BOF) and Electric Arc Furnace (EAF). Coil originating in a BOF mill contains 19.8% post-consumer recycled content and 14.4% post-industrial/pre-consumer recycled content for a total of 34.2% recycled content at a minimum.

Steel coil manufactured in an EAF mill, however, has significantly higher recycled content and is considered LEC material. Please note that LEC steel must be specified when placing orders, as these products have certain supply chain requirements. Upon your request at the time of quotation and ordering, MRI can purchase steel made from an EAF mill if your project requires a high recycled content. As per the Steel Recycling Institute publication, steel made in an EAF facility contains an average post-consumer recycled content of 69% and an average pre-consumer recycled content of 19.5%. The total steel recycled content value under LEED® for steel manufactured from an EAF is 78.8% (69% post-consumer + (½ x 19.5% pre-consumer)).

LEED® v4.1 Credits

The MRI Steel Framing Environmental Product Declaration (EPD) can help your building project qualify for the following LEED® v4.1 for BD+C points:

MATERIALS AND RESOURCES CREDIT (MR)

- Environmental Product Declarations Up to 2 points
- Sourcing of Raw Materials Up to 2 points
- Material Ingredients Up to 2 points
- Construction and demolition waste management Up to 2 points

INDOOR ENVIRONMENTAL QUALITY CREDIT (EQ)

- Low-Emitting Materials Up to 3 points
- Construction Indoor Air Quality Management Plan Up to 1 point
- Indoor Air Quality Assessment Up to 2 Points