

CERTIFICATION OF MATERIAL

Structural Framing and Non-Structural Framing Product Specification

- ✓ AISI S100-16 | North American Specification for the Design of Cold-Formed Steel Structural Members
- ✓ AISI S202-20 | Code of Standard Practice for Cold-Formed Steel Structural Framing
- ✓ AISI S220-20 | North American Standard for Cold-Formed Steel Framing - Nonstructural Members
- ✓ AISI S240-20 | North American Standard for Cold-Formed Steel Structural Framing
- ✓ ASTM C645-18 | Standard Specification for Nonstructural Steel Framing Members
- ✓ ASTM A653 | Standard Specification for Steel Sheet, Zinc-Coated or Zinc-Iron Alloy-Coated by the Hot-Dip Process
- ✓ ASTM C754-20 | Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products
- ✓ ASTM C955-18 | Standard Specification for Cold-Formed Steel Structural Framing Members
- ✓ ASTM A1003-23 | Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members
- ✓ ASTM C1007-20 | Standard Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories
- ✓ International Building Code (IBC) | 2021, 2018, 2015, 2012, and 2009
- ✓ International Residential Code (IRC) | 2021, 2018, 2015, 2012 and 2009

LEEDS and Sustainability

Sustainability | Cold-formed steel framing is recyclable, durable, and has less environmental impact than other construction materials.

Construction Waste Management | Cold-formed steel is 100% recyclable; Irene Steel manufacturers products can contribute to this credit if the construction waste on the project is properly diverted from the waste stream. The contribution to this credit will vary by project and must be determined by the general contractor and/or sustainable design team.

Recycled Content | The U.S. Green Building Council has determined that a total recycled content of 36.9% may be utilized without documentation for light gauge steel framing. A typical breakdown content of our material is:

Total Recycled Content: 36.9%
Post-Consumer: 19.8%
Pre-Consumer: 14.4%

While some Irene Steel manufacturers have a higher average recycled content, the USGBC default percentages above are recommended for your project calculations. Project specific recycled content can be provided upon request by contacting your Irene Steel Manufacturer.

Regional Materials | Raw material (steel coil) for Irene Steel products are sourced from a multitude of suppliers and therefore your Irene Steel Manufacturer must know if regionally sourced material is required when the purchase order is placed. Contact your Irene Steel Manufacturer to identify the location where your product was manufactured. Mill Certifications are available upon request.

Manufacturing Locations

Boston, MA | Columbus, OH | Dallas, TX | Denver, CO | Omaha, NE

