

# HAYDON

January 1, 2024

## Haydon Certifications – H-STRUT®

Upon request, Haydon Corporation can certify its metal strut as compliant with several potentially relevant laws, regulations, and industry standards. These certifications include:

- The Buy American Act and its Regulations
- Build America, Buy America
- The American Recovery and Reinvestment Act (ARRA)
- American Iron and Steel (AIS)
- LEED Elements 4 and 5
- Metal Framing Manufacturer's Association (MFMA) Standards 2004

We are happy to provide these certifications for customers who require them. To receive a certification of compliance, the customer **must request the certification at the time of order**, and Haydon will then supply the certification upon delivery.

### **Buy American Act 49 CFR Part 661**

Haydon Corporation manufactures its metal strut at three locations: Wayne, NJ, Grand Prairie, TX, and Stockton, CA. The steel Haydon Corporation uses to produce H-Strut metal strut framing is domestic steel and is fully compliant with 49 CFR Part 661. Furthermore, Haydon Corporation's metal strut framing fully complies with the American Recovery and Reinvestment Act (ARRA Title XVI, Section 1605).

### **ASTM Material Specifications**

Haydon Corporation purchases domestically made prime steel for use in the manufacturing of its metal strut framing. All the steel Haydon uses is certified to meet and exceed all the requirements in the ASTM standards listed below. Copies of original mill certifications are available upon request at the time of order.

- ASTM A-1011M-12 Hot Rolled Steel
- ASTM A-240 Stainless Steel (Type 304 & 316L)
- ASTM A-123 Hot Dipped Galvanized Coating
- ASTM A-653 Sheet Steel Zinc Coated
- Electro Galvanized ASTM B-633 (Fittings)

### **LEED MR Credits 4 & 5**

Approximately 80% of the steel Haydon Corporation purchases is sourced from scrap-based Electric Arc Furnace (EAF) mini-mills and can be used to satisfy LEED Element 4. Depending on the product and project location, Haydon's metal strut framing can be used to satisfy LEED Element 5. Requests for LEED certification must be placed with Haydon Corporation at the time of order.

### **LEED MR Credit 4: Recycled Content**

Use materials with recycled content such that the sum of post-consumer recycled content plus half of the pre-consumer content constitutes at least 10% or 20%, based on cost, of the total value of the



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materials in the project. The minimum percentage of materials recycled for each point threshold is as follows:

Recycled Content	Points
10%	1
20%	2

The recycled content value of a material assembly is determined by weight. The recycled fraction of the assembly is then multiplied by the assembly cost to determine the recycled content value. Requests for LEED certification must be placed with Haydon Corporation at the time of order.

## **LEED MR Credit 5: Regional Materials**

Use building materials or products that have been extracted, harvested, or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% or 20%, based on cost, of the total materials value. If only a fraction of a product or material is extracted, harvested, or recovered and manufactured locally, then only that percentage (by weight) can contribute to the regional value. The minimum percentage of regional materials for each point threshold is as follows:

Regional Materials	Points
10%	1
20%	2

Requests for LEED certification must be placed with Haydon Corporation at the time of order.

## **MFMA Standards 2004**

Haydon Corporation's metal strut is manufactured and inspected to comply with the specifications outlined in the Metal Framing Manufacturer's Association (MFMA) document entitled MFMA Standards. Haydon Corporation is also a registered member of the Metal Framing Manufacturers Association.

## **UL 5B**

Haydon Corporation is a UL-listed company. Haydon Corporation's H-132 PG and H-132-KO PG (KO - knock-out) are produced in compliance with **UL Standard 5B – Strut Type Channel Raceways and Fittings**. The H-132 PG raceway is produced with no holes or slots in accordance with UL Standard 5B. Haydon cannot provide, nor can any company, a slotted raceway that is UL-certified as the two are mutually exclusive. The UL Standard 5B clearly states in section 4.4:

4.4 - A strut-type channel raceway system shall provide a complete enclosure that protects the wires installed therein against damage. The complete system, when installed as intended, shall comply with the following:

- a) There shall not be any openings that exceed 1/16 inch (1.59 mm) in width following installation of the system.
- b) A knockout shall completely cover the opening in which it is located, and the clearance between the knockout and the opening shall not be more than 0.030 inch (0.76 mm).

Therefore, Haydon Corporation provides a UL-certified H-132-KO PG raceway.

**Compliance certificates must be requested at the time of order.** Should you have questions regarding Haydon Corporation's metal strut framing or need clarification on additional certifications, please feel free to contact your sales representative.

