

IAM Design Stainless Steel LEED Certification

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is an internationally recognized certification system that encourages and accelerates global adoption for developing environmentally responsible, low emissions, high performance, and sustainable buildings. Created by the U.S. Green Building Council (USGBC), LEED provides building owners and operators with the tools they need to have an immediate and measurable impact to their buildings’ performance. The most common applied-for certification is LEED-NC (New Construction and major renovations).

IAM Design’s Stainless Steel is a closed loop or self-sustainable material in that the stainless steel is 100% recyclable. It is considered a valuable material at the end of the life cycle providing consumer motivation to ensure the material is directed back into the scrap stream to be recycled. This conserves natural resources further by reducing energy consumption in the mining and refining process of the valuable elemental components such as Iron, Nickel, Chrome, Carbon, Nitrogen, Sulfur, Copper, Manganese, Silicon, Cobalt, Titanium, Phosphorus, Selenium, Niobium, Molybdenum, and Calcium.

Individual products and materials that are used in buildings are not individually certified. The LEED certification process is based on a “points” system, a collective effort of *all* materials used on a project. Individual points are added together to determine if a project can be considered a LEED Certified Building. IAM Design’s potential contribution to the LEED points system are listed below:

LEED Category	Details	Potential points
Material and Resources Credits 4.1 and 4.2 – Recycled Content	In 2015, IAM Design Stainless Steel contained approximately 82% recycled material (pre-consumer total: 16%; post-consumer total: 66%).	2
Material and Resources Building Product Disclosure and Optimization	IAM Design Stainless Steel has one of the highest LCA results with regard to environmental performance, and conforms to ISO 14044:2006 and EN15804.	2
Indoor Environmental Quality Credits 3.1 – Construction Management Plan	IAM Design Stainless Steel is produced in an off-site factory, eliminating the need to cut, drill or fabricate on-site.	1
Indoor Environmental Quality Credits 4.2 - Low-Emitting Materials	IAM Design Stainless Steel is un-coated and 100% finished when it leaves our factory. It does not release volatile organic compounds and does not require any on-site finishes.	1