

MSSL POLICY STATEMENT: LEED Green Building Rating Systems

The Leadership in Energy and Environmental Design system (LEED) is a globally recognized symbol of excellence in green buildings operated by the Green Building Councils as voluntary certification systems for environment friendly buildings. This policy statement gives examples of sustainability aspects of Marcegaglia Stainless Sheffield Limited products that could be relevant for LEED ratings.

Materials and Resources (MR) Credit Categories

Building Life-Cycle Impact Reduction

- **Material Reuse:** Due to their durability, stainless steel building products have the potential to be reused during renovations.
- **Whole-Building Life-Cycle Assessment:** Life Cycle Data for Stainless Steel exists both at industry average level and Marcegaglia has specific data for its own products. Due to its durability, stainless steel usually does not have to be replaced during the 60-year service time. Also, the maintenance need is low.

Environmental Product Declarations

Marcegaglia provides product specific Environmental Product Declarations which conform to ISO 14025 and EN 15804. These are publicly available on our website.

Sourcing of Raw Materials

Recycled content – MSSL constantly strive to maximise the recycled content of our stainless steel products dependant on grade requirements and scrap availability.

Material Ingredients

- **Material Ingredients Reporting** – MSSL products are according to international standards and product mill test certificates (MTC) provide the chemical analysis of the steel. The Americas Safety Data Sheets are available at our website and give an inventory of all ingredients identified by name and Chemical Abstract Service Number.
- **Material Ingredient Optimization** – MSSL products do not contain any substances that are listed on the REACH Authorisation List or the SVHC candidate list. The steel is also compliant with the REACH Restriction List.

Construction and Demolition Waste Management

Diversion: Stainless steel scrap has a high value as secondary raw material, and is 100 % recyclable.

Healthcare: Persistent, bio-accumulative, and toxic (PBT) chemical source reduction:

- **Pb:** MSSL products meet the lead-free definition of California AB 1953 standard.
- **Cd:** Cadmium is not used in the production of MSSL products.
- **Cu:** The Cu content of MSSL products is provided on the MTC.



LEED Sustainable Sites (SS) Credit – Heat Island Reduction

The solar reflective index (SRI) of stainless steel products will vary depending on finish, but uncoated stainless steels generally exceed the steep slope SRI requirement of ≥ 39 .

LEED EQ Credit: Low-Emitting Materials

Uncoated stainless steel panels do not release volatile organic compounds or other fumes into air. Due to the corrosion resistant nature of stainless steel, no coating is needed to protect the surface.

Additional information

MSSL product country of melting is confirmed on the MTC. Further processing is performed at different locations around the world depending on the product and can be confirmed separately.

A handwritten signature in blue ink, appearing to read 'Liam Bates', is positioned above a horizontal line.

Liam Bates
President, Long Products