

## SFS intec, Inc. LEED Statement

SFS intec, Inc. is a manufacturer of innovative fastening systems. At SFS intec, Inc. we are proponents of sustainable building, and act as responsible stewards for the environment. In doing so we recommend the use of 300 series Austenitic Stainless Steel fasteners for sustainable attachment and corrosion resistance. Sustainable design in its simplest form describes a characteristic of a process or project that can be maintained at a certain level indefinitely. We are committed to helping our customers achieve their sustainable design goals.

According to the International Stainless Steel Forum (<http://www.worldstainless.org>) any stainless steel product has an average recycled content of about 60%. It is this inherent characteristic of stainless steel, along with the ability to resist corrosion that make stainless steel the right choice for fasteners in sustainable design. However, there are more than 200 alloys that are recognized as "Stainless Steels", but not all possess the same level of corrosion resistance.

Austenitic Stainless Steels contain at least 17% chromium and 8% nickel. They are widely used in the construction industry for applications requiring a high level of corrosion resistance. Grade 304 Austenitic Stainless Steel fasteners (300 series) have to be manufactured using advanced production techniques and contain 18-20% chromium and 8-10% nickel. Fasteners manufactured from this grade of Stainless Steel offer the optimum corrosion resistance, and can be classified as "long life" to a minimum building design life of 30 years.

In conclusion, even where green materials are used the attempt at sustainability may be in vain. If the fastener in a system fails due to corrosion the failure could be catastrophic. Therefore sustainable materials should be used for the attachments in conjunction with other sustainable building products to achieve the optimum life cycle goal in any LEED design. Following are examples in which specifying SFS intec, Inc. products may help you earn LEED credits for your project.

**Material Usage: MR Credit 4.1: Recycled Content: 10% (post-consumer + ½ pre-consumer) 1 point**

**Material Usage: MR Credit 4.2: Recycled Content: 20% (post-consumer + ½ pre-consumer) 1 point in addition to MR Credit 4.1**

- SFS intec, Inc. 300 series stainless steel fasteners are manufactured from wire that is 60% recycled material. Using this as a portion may allow up to (2) LEED credit points for your project.

**Regional Content: MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally 1 Point**

**Regional Content: MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally 1 Point in addition to MR Credit 5.1**

- SFS intec, Inc. is an international company. SFS intec, Inc. headquarters are in Heerbrugg, CH with manufacturing plants throughout Europe, and North America. In the United States our products are manufactured, assembled, and further processed in two locations: Medina, OH, (44256), and Wyomissing, PA (19610). For projects within 500 miles of these locations, our products may contribute to the attainment of LEED credits. Please contact your SFS intec, Inc. specialist for product and location availability.

**Building Lifecycle: MR Credit 1.1: Building Reuse: Maintain 75% of Existing Walls, Floor, & Roof 1 Point**

**Building Lifecycle: MR Credit 1.2: Building Reuse: Maintain 95% of Existing Walls, Floor, & Roof 1 Point in addition to MR Credit 1.1**

- Fasteners manufactured from 304 Stainless Steel offer the optimum corrosion resistance, and can be classified as "long life" to a minimum building design life of 30 years. The specification and use of 304 Stainless Steel self-drilling fasteners by SFS intec, Inc. will help extend the life cycle of your new or existing building and may contribute to earning additional LEED credits for your project.

The statements mentioned above are merely examples of how our products may help you earn LEED credits. We encourage the architect, specification writer, or other design professional to contact an SFS intec, Inc. specialist for more information.

### SFS intec, Inc. Contacts

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