



The LEED rating system was developed by the U.S. Green Building Council in an effort to certify and promote sustainable building design and construction. The LEED program only certifies entire buildings, not individual products. However, using Bryer materials can contribute to earning LEED points. Below is an outline of various LEED credits that Bryer products can potentially contribute to based on LEED Version 2.2 requirements.

Sustainable Sites

SS 7.2: Heat Island Effect - Roof

This credit requires the use of roofing materials that have a Solar Reflectance Index (SRI) equal to or greater than 29 on steep slope roofs (over 2:12) or an SRI value equal to or greater than 78 on low slope roofs (2:12 or less). As such, this credit is both project and color specific. However, most of Bryer's standard colors meet the steep slope requirement and some even meet the more stringent low slope requirement.

Energy & Atmosphere

EA 1: Optimize Energy Performance

A reflective metal roof may help towards earning points under this credit depending on the compliance path option the project is registered under.

Materials & Resources

MR 2.1 & 2.2: Construction Waste Management

Any scrap metal (steel or aluminum) roofing, siding, or flashing generated from Bryer materials is 100% recyclable. In addition, much of the standard packaging and crating Bryer uses to ship its products are also recyclable.

MR 4.1 & 4.2: Recycled Content

The Steel Recycling Institute and the American Institute of Steel Construction has compiled data on the average recycled content of steel. Based on this information the average total recycled content of Bryer steel is 32.7% (post consumer = 25.5%, pre consumer = 6.8%). Our 3105 alloy aluminum has a pre consumer recycled content of 24.7% and a post consumer content of 55.8%.

MR 5.1 & 5.2: Regional Materials

LEED version 2.2 changed the requirements for this credit. It is now required that regional materials be extracted, processed, and manufactured within a 500 mile radius of the job site. Bryer's manufacturing facility is located in Auburn, Washington. However, there are no iron ore mines and/or steel hot band producers in the Pacific Northwest that can meet the "extracted & processed" requirements. Furthermore, the raw materials for flat rolled steel are harvested from all over the world and combined at various levels of the processing chain. As such, it is virtually impossible for any metal panel manufacturer to document compliance with this credit.

NOTE: Older versions of LEED (2.0 & 2.1) have slightly different requirements for regional materials points. If a project is registered under one of these older versions and the job site is within a 500 mile radius of Auburn, WA then Bryer products may be able to contribute to MR 5.1. In these earlier versions a point can be earned for products that are only manufactured regionally.