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## LEED® GREEN BUILDING RATING SYSTEM

### Flexospan Metal Roofing and Siding - **PRODUCT DATA SHEET**

#### Flexospan - LEED Points Product Data Sheet

LEED® Green Building Rating System

#### **New Construction & Major Renovations (LEED) Version v3, April 27, 2009**

The following is provided as general information to assist your LEED project team in better understanding Flexospan products and the characteristics of our materials that may contribute towards earning LEED certification of your project. Because each project has unique circumstances, it is the responsibility of your project team to determine if your project is eligible for certification and whether LEED points will be available for the Flexospan product supplied to your particular project.

#### NEW BUILDING CONSTRUCTION AND MAJOR RENOVATION

##### **SUSTAINABLE SITES (SS)**

Credit 7.2 Heat Island Effect-Roof 1 Possible Point

According to U.S. Green Building Council® LEED 2009 for New Construction and Major Renovations, the intent of this credit is "to reduce heat islands to minimize impacts on microclimates and human and wildlife habitats." (LEED 2009 for New Construction and Major Renovations, Page 17).

In order to achieve this credit, the roofing panel color must have a Solar Reflectance Index as calculated in accordance with ASTM E 1980. (SRI) equal to or greater than:

##### **SRI - Colors with a minimum Solar Reflective Index of 29**

29 (for steep-sloped roofs - greater than 2:12)

Flexospan's energy efficient colors with a minimum Solar Reflective Index of 29 - White, Parchment, Regal White, Rawhide, Sierra Gold, Surrey Beige, Light gray.

##### **SRI - Color with a minimum Solar Reflective Index of 78**

78 (for low-sloped roofs - equal to or less than 2:12)

White is Flexospan's energy efficient color with a minimum Solar Reflective Index of 78.