

May 3, 2010

RE: LEED Credits

LEED is an acronym for **Leadership in Energy and Environmental Design**. It is a program of the U.S. Green Building Council. It is a voluntary rating system intended to rate a building's performance and long term sustainability. LEED rates an entire project on an overall scale. It assigns credits or points for achievement in a wide variety of categories. Metal roofs can contribute up to 3 points. Roofing is just one component of this assessment. Available credits (points) for metal roofing are:

LEED Credits:	Max points available:	ASC Profiles Support
MR Credit 4– Recycled Content. 10% (1 point) and 20% (2 points)	2	ASC supplied steel roofing, wall, flat sheet and trims have 25.5% post consumer recycled content and 6.8% pre consumer recycled content (partial LEED credit based on all materials used on the project).
SS Credit 7.2 – Heat Island Effect (Roof)	1	All ASC coatings that meet minimum SRI values (full LEED credit).

The steel used in the panels that make up AEP Span's products is made in a Basic Oxygen Furnace facility (BOF). Steel made in a BOF facility contains an average post-consumer recycled content of 25.5%, and an average pre-consumer recycled content of 6.8%. (These values are based on data from the November 2009 issue of the Steel Recycling Institute publication *Steel Takes LEED with Recycled Content*.)

The recycled content of the fasteners and other buyouts is very difficult to obtain. AEP Span resells these products and cannot ascertain the recycled content of these materials.

In reference to LEED-NC 2.2, SS Credit 7.2, attached is a list of AEP Span colors and their associated Solar Reflective Index (SRI). The list was prepared by our paint supplier. In order to meet the requirements for LEED Credit 7.2, the roofing material must have a SRI equal to or greater than 78 for low-sloped roofs (pitch of less than or equal to 2:12) and an SRI of 29 for steep-sloped roofs (pitch of 2:12 or greater). As you can see from the list on the attached table, only one color, Cool Regal White meets the LEED requirement for a low-sloped roof. However all of our standard colors have a SRI of 29 or greater which meet the LEED requirement for steep-sloped roofs.

Please feel free to contact your customer service partner, sales representative or myself with any questions.

Sincerely,



Sarah J Deukmejian
VP Engineering & Marketing