ALPOLIC

LEED 2009 CONTRIBUTION DATA SHEET

The following has been developed to provide the information needed by the LEED project team for the determination of the contribution of the 38 inch wide ALPOLIC ZCM panels towards specific LEED New Construction and Major Renovation points. In the event further information is required contact ALPOLIC at 1-800-422-7270 ext1.

ALPOLIC ZCM fr Core
Zinc Composite Panels

Materials and Resources

MR Credit 4: 1 to 2 points

One point is awarded if the materials selected for the project have a recycle content of 10% based on total value. A second point can be earned if the recycle value reaches 20%. The recycle content is determined as the sum of the post consumer recycle content plus one half of the pre consumer recycle content. For material assemblies, such as cladding systems, the recycled content value shall be determined by weight.

	% weight of panel	% Post Consumer Recycle Content	% Pre Consumer Recycle Content	Total = 100% Post Consumer + 50% Pre Consumer Recycle Content
4 mm ZCM fr (.5 mm skin)				
Zinc Skins	59.4	17	0	17
fr Core	40.6	0	0	0
4 mm ZCM Panel	100	10	0	**10**
6mm ZCM fr (.5 mm skin)				
Zinc Skins	46.75	17	0	17
fr Core	53.25	0	0	0
6 mm ZCM Panel	100	8	0	**8**
4 mm ZCM fr (.7 mm skin)				
Zinc Skins	70.27	17	0	17
fr Core	29.73	0	0	0
4 mm ZCM Panel	100	10	0	**11.9**
6mm ZCM fr (.7 mm skin)				
Zinc Skins	57.20	17	0	17
fr Core	42.80	0	0	0
6 mm ZCM Panel	100	8	0	**9.7**

Note: The total recycle content of the panels should be combined with the other components of the cladding system to determine the contribution of the wall cladding to the overall project point qualification

MR Credit 5: **1 to 2 points**
This credit addresses the % of the materials used in the project that were locally extracted and manufactured. One point is available for a 10% regional material content and a second point can be earned if 20% regional materials are used in the project.
The ALPOLIC ZCM panels are produced from several different materials such as zinc coil, polyethylene, mineral fill and protective film. Due to the nature of these materials, specifically their high recycle content it is not possible to identify and quantify the initial extraction location or all of the subsequent processing points. For this reason it is recommended that ALPOLIC ZCM not be included in the calculations for this credit.

Innovation in Design

ID Credit 1.1 to 1.5: **5 points are available in this section for exceptional performance in meeting the requirements in other sections of the LEED New Construction and Major Renovation rating system or for an innovative performance on green building categories which are not addressed in other sections of the rating system. The 2009 standard limits the points for exemplary performance to 3 points**

The high recycle content of the ALPOLIC ZCM panels can support the projects exceeding the recycle content required in MR Credit 4, thereby qualifying for an Innovation in Design credit. The ALPOLIC ZCM panels also provide a highly durable and long life time cladding option.