

ALPOLIC

LEED 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 ALPOLIC Natural Metals Series MCM sheets towards specific LEED New Construction and Major Renovation points. In the event further information is required contact ALPOLIC.

ALPOLIC Natural Metals Series Metal Composite Material Fire Retardant and Polyethylene Core

Innovation in Design

The high recycle content of the ALPOLIC Natural Metal Series MCM sheets can support the projects exceeding the recycle content required, thereby qualifying for an Innovation in Design credit. ALPOLIC Natural Metals Series MCM sheets also provide a highly durable and long life time cladding option.

Building Product Disclaimer

Environmental Product Declaration (EPD) and Product Transparency Declaration (PTD) reports are available for download from our website, www.alpolic-americas.com.

Materials and Resources

The recycle content is determined as the sum of the post consumer recycled 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.



Revision 4

	% weight of panel	% Post Consumer Recycle Content	% Pre Consumer Recycle Content	Total = 100% Post Consumer + 50% Pre Consumer Recycle Content
4mm CCM fr				
Copper Skins	71.3	0	92.5	46.28
fr Core	28.7	0	0	0
4 mm CCM Panel	100	0	66	33
4mm CCM PE				
Copper Skins	88.1	0	92.5	46.28
PE Core	11.9	0	50	0
4 mm CCM Panel	100	0	87	43.7
4/6mm SCM fr (.4mm skin)				
4/6mm SCM Panel	0	0	0	0
4mm ZCM fr (.5mm skin)				
Zinc Skins	59.4	17	0	17
fr Core	40.6	0	0	0
4mm ZCM Panel	100	10	0	10
4mm ZCM fr (.7mm skin)				
Zinc Skins	70.27	17	0	17
fr Core	29.73	0	0	0
4 mm ZCM Panel	100	11.9	0	11.9
4mm ZCM PE (.5mm skin)				
Zinc Skins	85.5	17	0	17
PE Core	14.5	0	50	0
4mm ZCM Panel	100	14.5	7.3	18.1
4mm ZCM PE (.7mm skin)				
Zinc Skins	90.5	17	0	17
PE Core	9.5	0	50	0
4mm ZCM Panel	100	11.9	4.8	14.3

Note: The total recycle content of the sheets 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.

The ALPOLIC Natural Metal Series MCM sheets are produced from several different materials such as natural metal coil, polyethylene, 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 MCM not be included in the calculations for local content credit.