

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 ACM sheets towards specific LEED New Construction and Major Renovation points. In the even further information is required, contact ALPOLIC.

ALPOLIC Painted Aluminum Composite Materials Fire Retardant and Polyethylene Core

Indoor Environmental Quality

All coatings applied to the ALPOLIC Painted ACM sheets are factory applied using a coating line with an in line regenerative thermal oxidizer, which eliminates the release of the VOC content of the coating. By factory applying the coatings, the need for field painting and the accompanying VOCs are eliminated.

Innovation in Design

The high recycle content of ALPOLIC Painted ACM sheets can support the projects exceeding the recycle content required, thereby qualifying for an Innovation in Design credit. ALPOLIC Painted ACM panels 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.



	% weight of panel	% Post Consumer Recycle Content	% Pre Consumer Recycle Content	Total = 100% Post Consumer + 50% Pre Consumer Recycle Content
4 mm ACM fr				
Aluminum Skins	35.4	12.5	64.2	44.6
fr Core	64.6	0	0	0
4 mm Panel	100	4.4	22.7	15.76
6 mm ACM fr				
Aluminum Skins	24.8	12.5	64.2	44.6
fr Core	75.2	0	0	0
6 mm Panel	100	3.1	15.9	11.1
3 mm ACM PE				
Aluminum Skins	59.5	12.5	64.2	44.6
PE Core	40.5	0	50	25
3 mm Panel	100	7.4	58.4	36.6
4 mm ACM PE				
Aluminum Skins	49.5	12.5	64.2	44.6
PE Core	50.5	0	50	25
4 mm Panel	100	6.2	57.0	34.7
6 mm ACM PE				
Aluminum Skins	37	12.5	64.2	44.6
PE Core	63	0	50	25
6 mm Panel	100	4.6	55.25	32.2
Pattern Series				
4 mm ACM fr				
Aluminum Skins	35.4	52	39	71.5
fr Core	64.6	0	0	0
4 mm Panel	100	18.4	13.8	25.3

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.

The ALPOLIC painted series ACM sheets are produced from several different materials such as aluminum coil, polyethylene, coatings, 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 painted series ACM not be included in the calculations for local content credit.