



Alucoil North America, LLC

LEED CALCULATIONS

Larson by Alucoil® Aluminum Composite Panels Rev LC0112

The table below has been developed to provide information needed to determine earned certification points in the LEED® (Leadership in Environmental and Energy Design) Green Building Rating System™.

Material and Resources

MR Credit 4: Recycled Content. One point is awarded if the sum of post-consumer recycled content plus one half of the pre-consumer content is at least 10%. If the same value is at least 20% as determined by the same method then 2 points are awarded.

larson by Alucoil® 3mm PE ACM	% Weight	% Post Content	% Pre Content	Total (100% Post + 50% Pre)
Aluminum Skins	60.23	12.5	65	45.0
Polyethylene Core	39.77	0	50	25.0
Total	100.00	7.5	59.0	37.0%

larson by Alucoil® 4mm PE ACM	% Weight	% Post Content	% Pre Content	Total (100% Post + 50% Pre)
Aluminum Skins	50.05	12.5	65	45.0
Polyethylene Core	49.95	0	50	25.0
Total	100.00	6.3	57.5	35.0%

larson by Alucoil® 6mm PE ACM	% Weight	% Post Content	% Pre Content	Total (100% Post + 50% Pre)
Aluminum Skins	37.4	12.5	65	45.0
Polyethylene Core	62.6	0	50	25.0
Total	100.00	4.7	55.6	32.5%

larson by Alucoil® 4mm FR ACM	% Weight	% Post Content	% Pre Content	Total (100% Post + 50% Pre)
Aluminum Skins	38.38	12.5	65	45.0
Fire Resistant Core	61.62	0	0	0.0
Total	100.00	4.8	24.9	17.3%



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larson by Alucoil[®] 6mm FR ACM	% Weight	% Post Content	% Pre Content	Total (100% Post + 50% Pre)
Aluminum Skins	27.29	12.5	65	45.0
Fire Resistant Core	72.71	0	0	0
Total	100	3.4	17.7	12.3%

The total recycle content of Larson by Alucoil[®] ACM panels should be combined with other wall cladding system components in order to calculate the overall point qualification for a project.

MR Credit 5: Larson by Alucoil[®] ACM panels are manufactured using material sourced from numerous suppliers with varying recycled contents and manufacturing locations. Therefore it is not possible to identify and quantify the initial extraction / harvest / recovery and manufacturing locations. Therefore it is recommended that Larson by Alucoil[®] not be included in the calculation for this credit.

Innovation in Design ID Credit: Points are available for innovative design or exceptional performance per LEED requirements. The above average recycled content of some Larson by Alucoil[®] ACM panel configurations may qualify for an Innovation in Design Credit.

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