



# Alucoil North America, LLC

## LEED CALCULATIONS

### Larson by Alucoil® Aluminum Composite Panels Rev LC 0112

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.

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

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

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

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



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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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