



**ALLBONDS™**  
Aluminum Composite Panels

## LEED NC 2.2 CONTRIBUTION DATA SHEET

The following has been developed to provide information needed by the LEED project team for the determination of the contribution of the ALLBONDS™ panels towards specific LEED NC points.

### Materials and Resources

MR Credit 4.1: For the material assemblies, such as cladding systems, the recycled content value shall be determined by weight. One point is awarded if the materials selected for the project have a recycle content of 10% based on total value. The recycle content is determined as the sum of the post-consumer recycle content plus one half of the pre-consumer recycle content.

MR Credit 4.2: The recycled content is determined using the same method as noted for credit 4.1. One point is awarded if the materials selected for the project have a recycle content of 20%.

| Product      | Panel Thickness | Core Material  | Recycled Content Contribution (Post-Consumer + 1/2 of Pre-Consumer)* |
|--------------|-----------------|----------------|--|
| ALLBONDS™ PE | 3mm             | Polyethylene   | 44%  |
|              | 4mm             |                | 62%  |
|              | 6mm             |                | 70%  |
| ALLBONDS™ FR | 4mm             | Fire Retardant | 20% - 36%  |
|              | 6mm             |                | 26% - 41%  |

\*The ratio of pre to post-consumer recycled content in the core material varies according to commodity market trends, therefore we provide the range based on the assumption that the recycled content is all from pre-consumer sources.

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 qualifications.

MR Credit 5.1: 1point. Regional Material 10% MR Credit 5.2 1 point. Regional Materials 20%

ALLBONDS™ painted ACM panels are produced from several different materials such as aluminum coil, polyethylene, mineral-filled thermoplastic, 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 ALLBONDS™ not be included in the calculations for this credit.

## Indoor Environmental Quality

EQ Credit 4.2: 1 point. The intent of this credit is to reduce the harmful or irritating indoor air contaminants that the building occupants or installers are exposed to.

All coatings applied to the ALLBONDS™ ACM panels 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

ID Credit 1.1 to 1.4: The high recycled content of ALLBONDS™ ACM Panels can support the projects exceeding the recycle content required in MR Credit 4.2, hereby qualifying for an Innovation in design credit. The ALLBONDS™ panels also provide a highly durable and long-lasting cladding.



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