

LEED Green Building Rating System™

Alcotex®/FR ACM panels can help contribute towards LEED (Leadership in Environmental and Energy Design) Green Building Rating System™ points in the following categories:

Materials & Resources: MR Credit 4 - Recycled Content

This credit requires the use of material with a recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (1 point) or 20% (2 points) based on the total material cost, excluding installation. The table below lists the calculated percentage recycled content by weight.

Material	Thickness (mm)	Weight (lbs./ft ²)	Recycled % Post-Consumer	Recycled % Pre-Consumer	LEED Contribution (1.0 x Post + 0.5 x Pre)
Alcotex®/FR	4	1.57	20%	25%	33%

Materials & Resources: MR Credit 4.2 – Low Emitting Materials

All coatings are applied in a factory coil-coated process that is performed prior to the final production of the material. The factory applied process means that no VOC's are generated at the panel fabrication location or jobsite from field painting operations.

Materials & Resources: MR Credit 5 - Regional Materials

The raw material for the Alcotex®/FR ACM panels are sourced from multiple suppliers with varying recycled contents and manufacturing locations. We cannot specifically identify or quantify the extraction, harvest, recovery and manufacturing locations which would exclude Alcotex®/FR ACM panels from meeting this credit requirement. Other portions of the final panel assembly may be able to contribute towards the Regional Materials credit.

Innovation and Design Process: ID Credit 1 – Innovation in Design

Points are awarded for innovative design and/or exceptional performance above the requirements by the LEED Green Building Rating System™. The above average recycled content of Alcotex®/FR ACM panels may qualify for an Innovation in Design Credit.

Summary

Our company fully supports the Green Building Council initiatives in increasing the use of recycled materials and reducing the overall effect of the construction process on the environment. The long-term effect of the materials used in the production of the Alcotex®/FR materials has taken this into consideration in maximizing the recycled content for both post-consumer and post-industrial processes. Our production process is ISO 9001 certified, and all our employees are fully committed to eliminating any unnecessary waste in the overall production process.