



LEED Green Building Rating System

Technical Guidance

Alucolam PE and Alucolam FR (fire retardant grade) can help earn certification points in the LEED Green Building Rating System. The most likely categories include:

Materials & Resources: MR Credit 4 – Recycled Content

Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (for 1 point) or 20% (for 2 points), based on total material cost, excluding installation. The table below lists calculated % Recycled Content by Weight for each product.

Materials & Resources: MR Credit 5 – Regional Materials

Alucolam series product is manufactured with various raw materials which is made in Korea. Main raw material is an aluminum and polyolefin and inorganic materials; aluminum and polyolefin sourcing from Korea and others from Asian country. As well, aluminum can be supplied by European country maker. For example, Novelis or Alcan Aluminum etc.

ACM	Thickness (mm)	Core*	Weight (lbs/ft ²)	Pre-Consumer	Post-Consumer	LEED Contribution (1.0XPost + 0.5XPre)
Alucolam PE	3	PE	0.82	17%	44%	53%
Alucolam PE	4	PE	.98	21%	37%	48%
Alucolam PE	6	PE	1.24	28%	29%	43%
Alucolam FR	4	FR	1.50	17%	24%	33%
Alucolam FR	6	FR	2.14	20%	17%	27%

Special ACM	Thickness (mm)	Core*	Weight (lbs/ft ²)	Pre-Consumer	Post-Consumer	LEED Contribution (1.0XPost + 0.5XPre)
Alucolam FR (Anodized)	4	FR	1.50	17%	24%	33%
Alucolam FR (Anodized)	6	FR	2.14	20.0%	17%	27%

Core* = PE : Polyethylene, FR : Fire Resistance