ALPOLIC™ offers select aluminum composite materials manufactured with a grey mineral filled fire resistant or standard polyethylene core and a 2 or 3-coat fluoropolymer paint finish for exterior applications involving exposed edges.

Exposed edge applications offer a unique look and ease of attachment for the aluminum composite material. This can be a very cost effective alternative attachment method over a traditional route and return attachment system. Material to be used in exposed edge application is required to be specified when ordering panels. ALPOLIC™ will provide material that is engineered and tested to provide optimal performance in an exposed application.

**CONSTRUCTION INFORMATION**

PROJECT: Eisai Tsukuba Research Laboratories
LOCATION: Japan
ARCHITECT: Kajima Corporation
PRODUCT: ALPOLIC™ Mist White

**GENERAL INFORMATION**
SURFACE TREATMENT
ALPOLIC® panels requested for exposed edge applications are available with a fluoropolymer paint system that features excellent durability and weathering for architectural needs.

STANDARD PANEL SIZE
Standard available widths are 50" (1270mm) and 62" (1575mm). Product available in 3mm, 4mm, or 6mm thicknesses. Please contact ALPOLIC Customer Service for additional product information and lead time.

FINISH TOLERANCE
Color [Hunter L,a,b]: DE 1.0 max from standard, solid DE 2.5 max for mica, metallic, and prismatic
Gloss: Nominal +/- 10 units

PRODUCT TOLERANCE
Width: ± 0.08" (2mm)
Length: ± 0.16" (4mm)
Thickness: 3mm ± 0.008" (0.2mm)
4mm ± 0.008" (0.2mm)
6mm ± 0.012" (0.3mm)
Bow: maximum 0.5% of length and/or width
Squareness: maximum 0.2" (5mm)
Peel Strength: >22 in lb/in (ASTM D1781)

ALPOLIC® material is trimmed and squared with cut edges to offer the best panel edge conditions in the industry.

FIRE PERFORMANCE
ALPOLIC® panels with have been tested by independent testing laboratories using nationally recognized tests.
Fr core product: This material meets all fire requirements of the International Building Code for non-combustible construction.
Pe core product: This material meets all fire requirements of the International Building Code for combustible construction. Please visit www.alpolic-northamerica.com or call technical support for complete report listings and additional information.

WARRANTY
Standard panel warranty: 10 Year
Finish warranty: 10 Year
Call ALPOLIC® Customer service for exclusions and warranty details.

PRODUCT NOTES
- Panels should be stored flat in a dry, indoor environment.
- Fabricate panels at temperatures above 55°F.
- Protective film should be removed from panels soon after installation.
- Please refer to appropriate Fabrication Manual for routing and fabrication recommendations.
- Crating fees apply to orders for less than standard piece crate.
- For best color consistency, ALPOLIC® recommends ordering all required mica, metallic and prismatic paint finish panels at one time and maintaining consistent panel orientation during installation.

FOR TECHNICAL INFORMATION, PLEASE CALL 1.800.422.7270

U.S. HEADQUARTERS
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