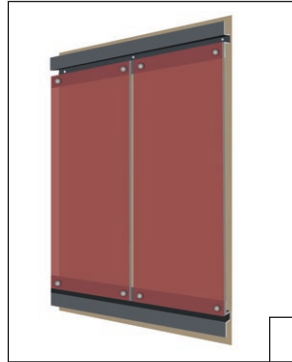# ALPOLIC®

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.

CONSTRUCTION INFORMATION

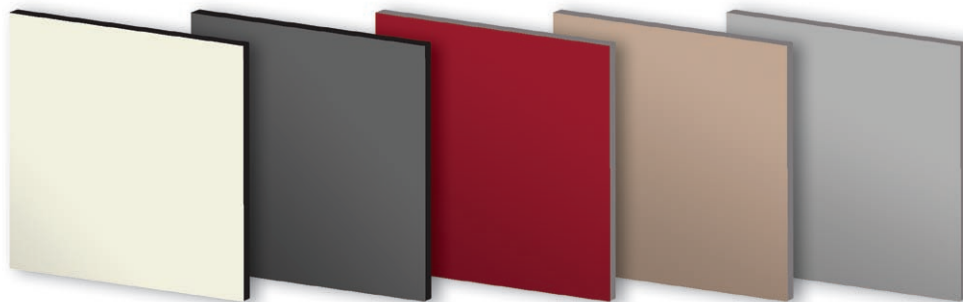PROJECT: Eisai Tsukuba Research Laboratories

LOCATION: Japan

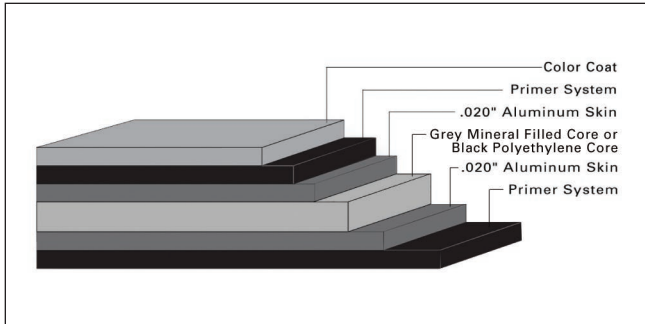ARCHITECT: Kajima Corporation

PRODUCT: ALPOLIC® Mist White

GENERAL INFORMATION

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.

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.

Color Coat
Primer System
.020" Aluminum Skin
Grey Mineral Filled Core or Black Polyethylene Core
.020" Aluminum Skin
Primer System

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 tehnical support for complete report listings and addtional 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

ALPOLIC®

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