

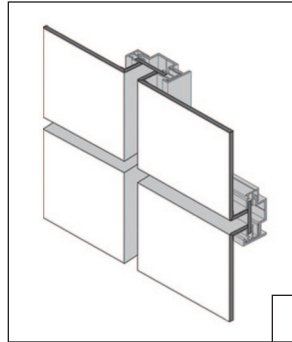
ALPOLIC®

METAL COMPOSITE MATERIALS

MITSUBISHI CHEMICAL COMPOSITES AMERICA, INC.

architectural – mica

ALPOLIC® architectural Mica color aluminum composite materials are manufactured with a polyethylene core and a 2-coat fluoropolymer paint finish. The Mica finish gives you a clean, crisp look for any project.



CONSTRUCTION INFORMATION

PROJECT: Hubbell Lighting Headquarters

LOCATION: Greenville, SC

ARCHITECT: McMillan Smith & Partners

PRODUCT: ALPOLIC® Mica Platinum



GENERAL INFORMATION

ALPOLIC®'s extensive selection of Mica finishes enable you to create designs and effects that no other panel system can achieve. They are stocked in two widths – 50 and 62 inches; and two lengths – 146 and 196 inches. These 4mm-thick panels are manufactured to architectural standards with a traditional polyethylene core.



MICA ANODIC CLEAR
4-4MNC-G30

MICA PLATINUM
4-4OPT-G50

MICA CHAMPAGNE
4-4MCU-G30

MICA MZG GREY
4-4MZG-G50

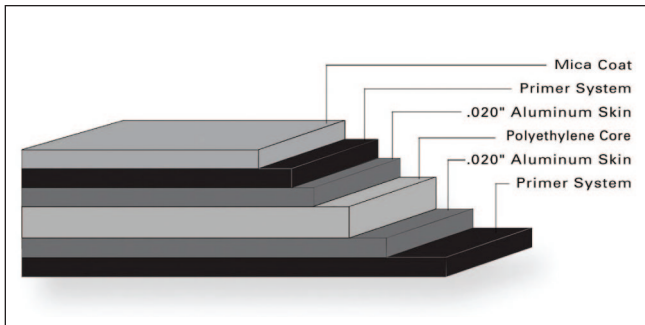
ALPOLIC®

mica

INTERIOR AND EXTERIOR SURFACING
INTERIOR AND EXTERIOR SIGNAGE

SURFACE TREATMENT

ALPOLIC® architectural Mica color panels are stocked with a FEVE LUMIFLON™ or a PVDF Kynar finish, both are fluoropolymer paint systems that feature excellent durability and weathering for architectural needs. Available stock architectural Mica colors include Mica Platinum, Mica Champagne, Mica Anodic Clear, and Mica MZG Grey.



STANDARD PANEL SIZE

Standard stock widths are 50" (1270mm) and 62" (1575mm) and lengths of 146" (3708mm) and 196" (4978mm). Panels are stocked in 4mm thickness. Standard crate is 50 pieces. Custom lengths and thickness available. Please contact ALPOLIC® Customer Service for current available stock and additional information.

FINISH TOLERANCE

Color: DE 2.5 max from standard
Gloss: Nominal +/- 10 units

PRODUCT TOLERANCE

Width: ± 0.08" (2mm)
Length: ± 0.16" (4mm)
Thickness: 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

Standard ALPOLIC® architectural Mica finish panels with a polyethylene core have been tested by independent testing laboratories using nationally recognized tests.

This material meets all requirements of the International Building Code for combustible construction:

IBC Listed
UL Listed

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: 30 Year*
Call ALPOLIC® Customer Service for exclusions and warranty details. *30 year warranty only applies to standard architectural colors.

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 ALPOLIC® Painted ACM 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 paint finish panels at one time and maintaining consistent panel orientation during installation.
- Different lots of Mica finishes should not be mixed on building elevation.

FOR TECHNICAL INFORMATION, PLEASE
CALL 1.800.422.7270

U.S. HEADQUARTERS

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