

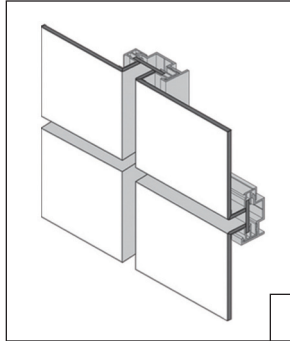
ALPOLIC®

MATERIALS

MITSUBISHI PLASTICS COMPOSITES AMERICA, INC.

architectural – prismatic

ALPOLIC® architectural Prismatic finish aluminum composite panels use FEVE fluoropolymer paint technology with specialized mica flake pigments in the paint composition that causes the light to reflect differently upon viewing angles. This creates a surface that shifts colors or sparkles like diamonds.



CONSTRUCTION INFORMATION

PROJECT: Coss Y Leon Office

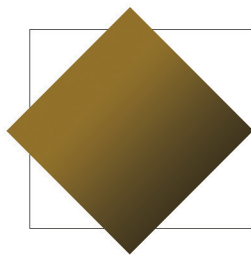
LOCATION: Guadalajara, Mexico

PRODUCT: ALPOLIC® Prismatic Magma & Mica Platinum

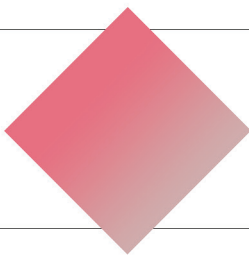


GENERAL INFORMATION

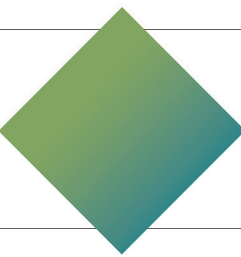
ALPOLIC® Prismatic Series creates a dramatic custom color effect that will make your image sparkle and shine. These prismatic finish panels are not stocked but are available to be manufactured to architectural standards with a traditional polyethylene core.



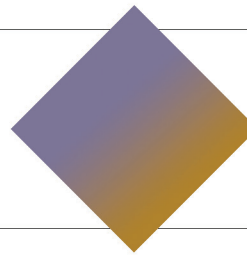
MARSH
4-SNP-G70
(Custom Color)



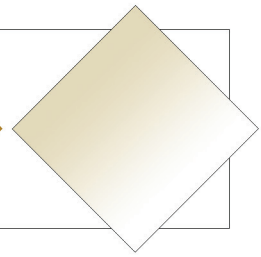
BLUSH
4-ERP-G70
(Custom Color)



LAGOON
4-SJP-G70
(Custom Color)



HARVEST MOON
4-RXT-G70
(Custom Color)



FROST
4-BNP-G70
(Custom Color)

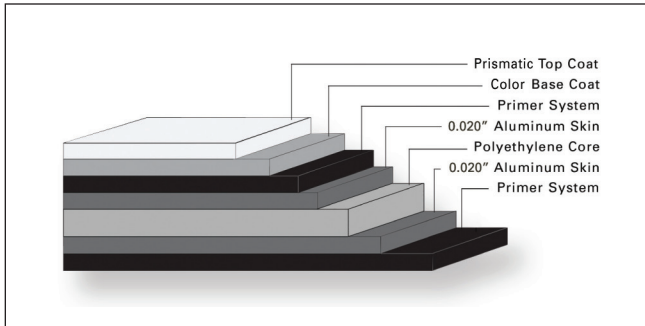
ALPOLIC®

prismatic

INTERIOR AND EXTERIOR SURFACING
INTERIOR AND EXTERIOR SIGNAGE

SURFACE TREATMENT

ALPOLIC® architectural Prismatic color panels are available with a FEVE LUMIFLON™ finish, a fluoropolymer paint system that features excellent durability and weathering for architectural needs. A PVDF, Kynar finish is available as a custom request. All 4mm Prismatic colors are custom manufactured.



STANDARD PANEL SIZE

Standard widths are 50" (1270mm) and 62" (1575mm) and lengths of 146" (3708mm) and 196" (4978mm). Panels can be manufactured in 4mm or 6mm thickness. Standard crate is 50 pieces. Custom lengths, widths, and thickness available. Please contact ALPOLIC® Customer Service for 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 Prismatic 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: 20 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 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 Prismatic paint finish panels at one time and maintaining consistent panel orientation during installation.
- Different lots of Prismatic finishes should not be mixed on building elevation.

FOR TECHNICAL INFORMATION, PLEASE
CALL 1.800.422.7270

U.S. HEADQUARTERS

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