ALPOLIC® program Prismatic finish aluminum composite panels use FEVE 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: Dairy Queen Grill & Chill®
LOCATION: Memphis, TN
ARCHITECT: Shikatani Lacroix Brandesign
PRODUCT: ALPOLIC® MRT Prismatic Red

GENERAL INFORMATION

ALPOLIC®’s Prismatic Series creates a dramatic custom color effect that will make your image sparkle and shine. These panels come standard with a polyethylene core and stacked in 3mm thickness.

MRT RED 3-4MRT-G70
DQO ORANGE 3-4DQO-G80
HARVEST MOON 4-RXT-G70 (Custom Color)
FROST 4-BNP-G70 (Custom Color)
ECLIPSE 4-SPY-G50 (Custom Color)
SURFACE TREATMENT
ALPOLIC® program Prismatic panels are available in the following finishes: stocked with a FEVE LUMIFLON™ finish. A PVDF, Kynar finish is also available as a custom request. Available stock program colors are MRT Red and DGO Orange.

STANDARD PANEL SIZE
Standard stock sizes and thickness vary by product program. Please contact Customer Service for stock sizes. Standard crate is 75 pieces for 3mm and 50 for 4mm. Custom thickness, widths, lengths are available, along with a fire resistant core. Please contact 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: 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)

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

FIRE PERFORMANCE
Standard ALPOLIC® program 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 for all .020/.020 products
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: 3mm: 10 Year
4mm: 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

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