ALPOLIC® Decorative Metal panels use a specially treated anodized aluminum surface coated with crystal-clear FEVE clear coat to create a clean and durable mirror like finish or a surface that resembles a brushed stainless steel finish.

Our High-Polished Aluminum and Hairline Aluminum surfaces demonstrate ALPOLIC’s commitment to providing the most innovative decorative finishes in the industry. High-Polished Aluminum has a highly reflective surface that has a mirror like shine. Hairline Aluminum has the look of brushed stainless steel. The tough clear coats on both panels provide outstanding protection for exterior applications.
ALPOLIC® decorative metals

SURFACE TREATMENT

ALPOLIC® Decorative Metal panels are created by sandwiching two aluminum skins around a polyethylene core. A uniquely treated top aluminum skin is used to provide the High-Polished Aluminum and Hairline Aluminum products.

STANDARD PANEL SIZE

Standard stock sizes:
48” x 122” (1219mm x 3099mm): 3mm HPA
50” x 196.4” (1270mm x 4989”): 4mm HLZ

Standard crate is 75 pieces for 3mm and 50 pieces for 4mm product. Custom lengths, thickness and mineral filled FR core available. Please contact ALPOLIC® Customer Service for current available stock and additional colors.

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

Fire resistant ALPOLIC® Decorative Metal finish panels with a mineral filled core have been tested by independent testing laboratories using nationally recognized tests.

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

IBC Listed
UL Listed for HLZ

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: HPA 5 Year
        HLZ 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 ALPOLIC® HLZ/HPA Fabrication Manual for routing and fabrication recommendations.
- Crating fees apply to orders for less than standard piece crate.

FOR TECHNICAL INFORMATION, PLEASE CALL 1.800.422.7270

U.S. HEADQUARTERS
MITSUBISHI CHEMICAL COMPOSITES AMERICA, INC.
401 Volvo Parkway, Chesapeake, VA 23320
Telephone: 800-422-7270, Facsimile: 757-436-1896
www.alpolic-americas.com e-mail: info@alpolic.com