

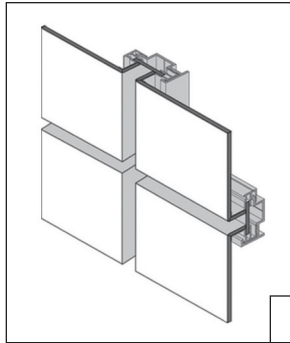
# ALPOLIC®

## MATERIALS

MITSUBISHI PLASTICS COMPOSITES AMERICA, INC.

### decorative metals

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.



#### CONSTRUCTION INFORMATION

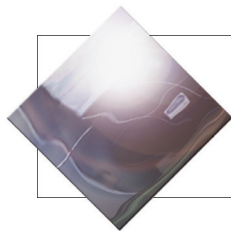
PROJECT: GMC Dealership

LOCATION: Ohio

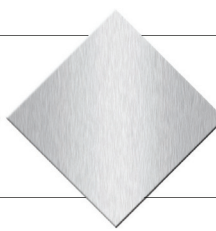
PRODUCT: ALPOLIC® HLZ Hairline Aluminum

#### GENERAL INFORMATION

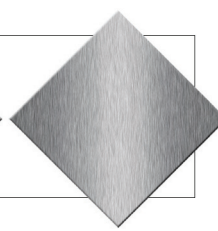
Our High-Polished Aluminum and Hairline Aluminum surfaces demonstrate ALPOLIC's commitment to providing the most innovative decorative finishes in the industry. High-Polished Aluminum has a highly reflective surface that has a mirror like shine. Hairline Aluminum has the look of brushed stainless steel.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



*HIGH POLISHED  
ALUMINUM  
3-4HPA-G80*



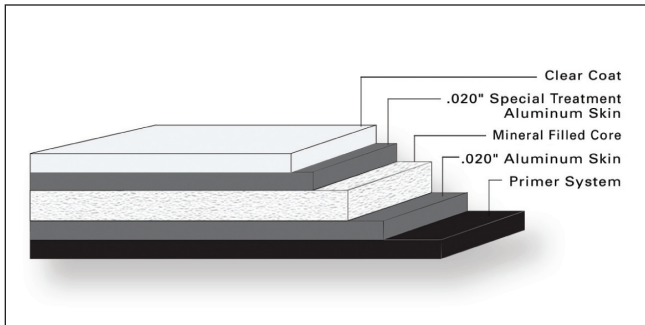
*HAIRLINE  
ALUMINUM  
3-4HLA-G80*



*HAIRLINE  
ALUMINUM  
4-4HLZ-G80*

## 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 and HLA

48" x 146" (1219mm x 3708mm): 3mm HLA

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:  $\pm 0.08"$  (2mm)

Length:  $\pm 0.16"$  (4mm)

Thickness: 3mm  $\pm 0.008"$  (0.2mm)

4mm  $\pm 0.008"$  (0.2mm)

6mm  $\pm 0.012"$  (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](http://www.alpolic-northamerica.com) or call technical support for complete report listings and additional information.

## WARRANTY

Standard panel warranty: 10 Year

Finish warranty: HPA and HLA 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® HLA/HPA Fabrication Manual or ALPOLIC® Painted ACM Fabrication Manual on HLZ 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 PLASTICS COMPOSITES AMERICA, INC.**

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