



Product Data Sheet

Product Name:

1" Alclad™ Insulated Insulated Glazing Panel
1/4" Alclad™ Veneer Glazing Panel

Manufacturer:

Columbia Architectural Products, Inc.
10722 Tucker Street Beltsville, Maryland 20705

phone: (301) 937-4383
fax: (301) 937-6850
web: www.capmetalpanels.com

Panel Description:

Alclad™ is our trade name for our insulated and veneer glazing panels. Available in various standard or custom configurations and smooth and textured finishes.

Typically these panels are installed in place of glass in aluminum glazing/storefront channels and on setting blocks. No mechanical fasteners or adhesives are used.

With our color matched panel trims, these panels can be used as a building envelope cladding.

Stock sizes are 48" widths x 96" & 120" lengths. Larger size panels and cut to size panels are available as well.

Stock CAP-Clad™ Color Selection:

Kynar 500® Solid Colors (20 Year Finish Warranty)



Kynar 500® Metallic Colors (20 Year Finish Warranty)



Polyester DuraCoat® (10 Year Finish Warranty)



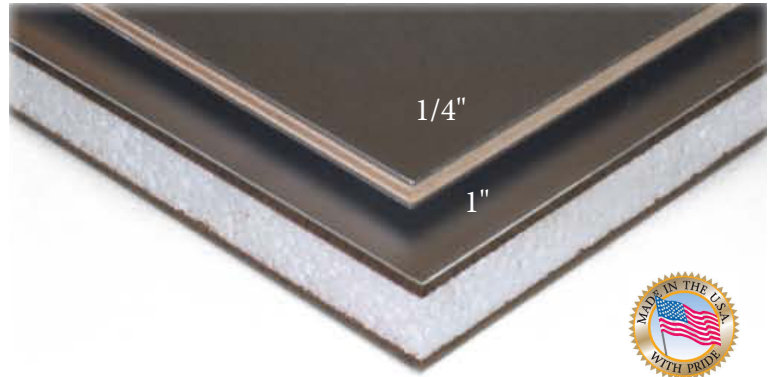
Stucco Embossed (10 Year Finish Warranty)



Coil Coat Anodize Colors (5 Year Finish Warranty)



Actual colors may vary from those shown above.
Samples are available upon request. Call 866-583-2726



Panel Composition:

Our standard 1" panel is made up of .040 aluminum color face, 1/8" tempered hardboard substrates, 5/8" expanded polystyrene core and .040 mill or random finished aluminum back. This panel offers an R value of 4.75. Our 1/4" veneer glazing panel has a 5mm exterior grade plywood core and a .040 aluminum face and back, 1.50 R value.

Other available Options:

- Textured Finishes
- Extruded Polystyrene Foam (XPS) Core for a better R value
- Polyisocyanurate Foam (ISO) Core for the best R value
- 1/4" Fiber Cement Board Substrate for a greater impact resistance
- 5mm Honeycomb ECO Poly Core Substrate, lighter weight

Features & Benefits

Alclad™ glazing panels offer a number of benefits to the building envelope, ultimately saving time and money on building maintenance and future expenses by increasing the R value when using variable combinations of substrates and cores.

Technical Data for Kynar 500® Coating on Aluminum:

- Life Expectancy 20 years exposure: Chalk-rating 8 or better
- ASTM G-23 Type EH Apparatus Accelerated Weathering 5,000 hours: Chalk-rating 8 or better
- ASTM D 2794 - Impact Resistance (1/2" ball indenter, Gardner Impact tester. No cracking or adhesion loss
- ASTM B 117 - Salt Spray Resistance. 3000 hours
- ASTM D 1308 - Chemical/Acid Pollution Resistance - Pass
- ASTM D 968 - Abrasion Resistance - 65+ 10 liters

