



Product Data Sheet

Product Name:

1" Therm-Alclad™ Insulated Glazing Panels

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:

Therm-Alclad™ is our trade name for our light weight water impervious insulated glazing panels. Available in various standard or custom configurations, smooth and stucco embossed finishes. Therm-Alclad™ panels provide a decorative, yet exceptional strong and durable, each panel weighs 1 1/2 pounds a square foot. Therm-Alclad™ panels are not damaged by water intrusion. Stock sizes are 48" widths x 96" & 120" lengths.

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 1" Therm-Alclad™ panel has 3mm High Density Polypropylene Eco-Poly Substrates, 5/8" EPS Foam Core and .040 Aluminum face and back, 4.75 R value.

Features & Benefits:

- Outstanding strength (*Stronger than corrugated cores*)
- Lighter than Competitive Panels
- Bi-directional Construction
- Eco Friendly
- 100% Recyclable Materials

Applications include:

- Fascias
- In-Fill Panels
- Signage
- Storefronts
- Soffits
- Trade show booths

Therm-Alclad™ glazing panels can be cut on site with standard carpentry tools. All panels are masked to protect them throughout the installation process.

Our standard colors offer beauty and durability with coil coated Kynar 500® and Duracoat® polyester finishes. Kynar solid and metallic colors come with a 20 year finish warranty and while the Polyester finishes come with a 10 year finish warranty. All are painted finish options require little to no maintenance.

Technical data for Kynar 500® Coating on aluminum:

- Life Expectancy 20 years exposure: Chalk-rating 8 +
- 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

