

# Product Data Sheet

**Product Name:**

1" Alclad Insulated Glazing Panel

**Manufacture:**

Columbia Architectural Products, Inc.  
 10722 Tucker Street  
 Beltsville, Maryland 20705  
 phone: (301) 937-4383  
 fax: (301) 937-6850  
 web: [www.metalpanelstore.com](http://www.metalpanelstore.com)

**Panel Description:**

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

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

For long lasting performance you must prevent water intrusion by caulking properly. Alclad panels must be properly sealed to prevent damage. Hardboard stabilizers and foams will absorb water causing unsightly swelling. Panels must be properly sealed to prevent damage.

**Standard Color Selection:**

● Denotes PAC-CLAD Metallic Colors     ★ Denotes Energy Star® Colors  
▲ Denotes PAC-CLAD Cool Colors

**Kynar 500® pre-finished aluminum**

**PAC-CLAD Metallic Colors**

● ▲ ★ Zinc     ● ▲ ★ Silver     ● ▲ ★ Copper Penny     ● ▲ ★ Aged Copper     ● ▲ ★ Champagne     ● ▲ ★ Weathered Zinc

Also available are Clear Anodize and Light, Medium & Dark Bronze Anodize. Contact one of our helpful staff members at CAP Industries for assistance.



**Panel Composition:**

Our standard 1" panel is made up of .032 aluminum color face, 1/8" tempered hardboard substrates, 3/4" expanded polystyrene core and .032 mill or random finished aluminum back. This panel offers an R value of 4.75.

**Features & Benefits:**

Alclad glazing panels offer durability and beauty to the building envelope. Applications Include;

- In-Fill Panels    Storefronts    Opaque glazing    Spandrels

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 a coil coated Kynar 500® finish. Both solid and metallic colors come with a 20 year finish warranty and little to no maintenance is required.

The Alclad glazing panel is an economical alternative to other glazing solutions.

**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



**Columbia Architectural Products, Inc.**  
**Manufacturers of Fine Architectural Products**  
 Colors supplied by Petersen Aluminum Corporation