



Product Data Sheet

Product Name:

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

Manufacturer:

Columbia Architectural Products, Inc.
10722 Tucker Street
Beltsville, Maryland 20705
phone: (301) 937-4383
fax: (301) 937-6850
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Description:

The Alpha Panel™ is a composite utilizing two sheets of metal bonded to a fiber cement substrate made of 90% Portland Cement and sand that resists damage from moisture and mold.

With its Superior strength and Durability, these panels are used in high moisture areas such as Commercial Kitchens, Restrooms, Gyms, Aquatic Centers, etc. Can be installed in place of glass as an in-fill panel in aluminum glazing/storefront channels. With an offset option (see below) this panel offers to bring the panel flush with the window mullions.

Fabricating this panel in our Tecpan™ design, a "pan-in-pan" system, (see Tecpan Literature). This panel system can serve as a building envelope by mounting to the face of a building utilizing our "Z" bracket hanging clip. Rod & caulk joint application.

Stock CAP-Clad™ Color Selection:

Kynar 500® Solid Colors (20 Year Finish Warranty)



Kynar 500® Metallic Colors (20 Year Finish Warranty)



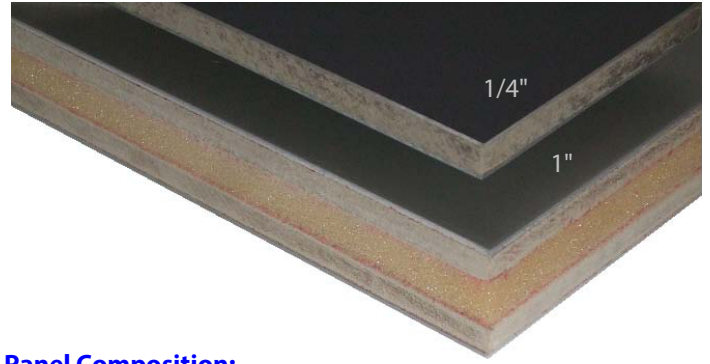
Polyester DuraCoat® (10 Year Finish Warranty)



Stucco Embossed (10 Year Finish Warranty)



Coil Coat Anodize Colors (5 Year Finish Warranty)



Panel Composition:

The 1/4" Veneer Panel thickness actually nets out to 5/16". It is made up of an .040 aluminum color face and back with a 1/4" Fiber Cement Board Stabilizer. The 1" panel has a 7/16" (ISO) Polyisocyanurate core and nets out to 15/16" thickness. The 1" panel offers an R value of 4.75 and both the 1/4" Veneer and 1" Insulated Glazing panels are available in a maximum size of 48" x 96". 1/4" panels have a net weight of 80 lbs. and the 1" 144 lbs.

Available Options:

- Thickness range from 1/4" to 3"
- Textured Finishes
- #4 or #8 polished stainless steel
- Plywood (PW) Core, offering greater impact resistance

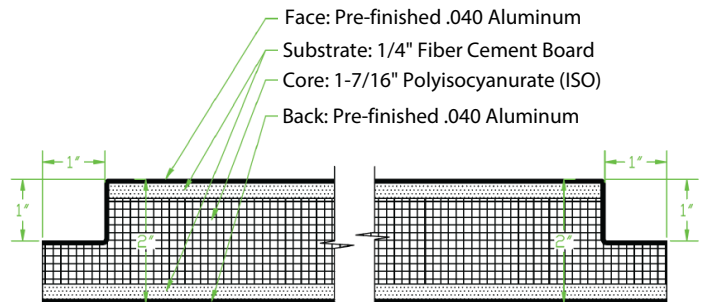
Features & Benefits:

The Alpha Panel™ fiber cement substrate is moisture and mold resistant and offers a greater impact resistance along with a number of other 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 thickness, substrates and cores.

The fiber cement core is compliant with ASTM C1288 and ANSI A118.9

Our stock color selection offers beauty and durability. We offer your choice of coil coated Matte & Gloss Polyester Finishes, Anodize Finishes as well as a selection of popular Kynar finishes. The Kynar finishes, both solid and metallic colors come with a 20 year finish warranty.

The Alpha Panel™ is also offered in a 2" thickness with a 1" x 1" perimeter offset to be used as a flush glazing panel for storefront and curtain wall applications. R value of 10.75 as shown below.



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