

Durable Infill Solution  
With Increased Fire Resistance



## GLAZEGUARD® 1000 FR

FIRE RESISTANT GLAZING INFILL PANELS

### FEATURES & BENEFITS

- fits standard 1" glazing systems
- economical, textured polyester finishes
- long-lasting, smooth Kynar 500® finishes
- anodized finishes to match storefronts
- fire resistant (not fire-rated)
- hardboard/gypsum stabilizers, foam core
- can be easily cut-to-size in the field
- very low maintenance
- no minimum quantities
- quick lead time
- available in several standard sizes

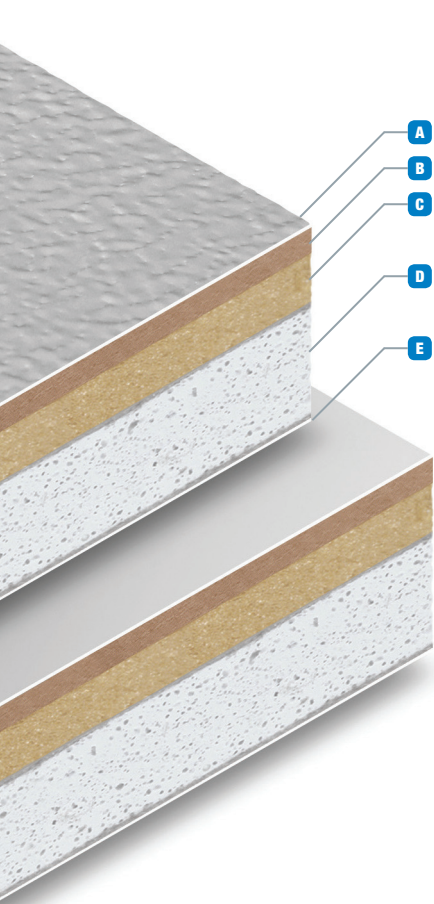


### Description:

GlazeGuard® 1000 FR is a composite panel with textured or smooth aluminum skins, hardboard stabilizer, ISO foam core and a type-x gypsum board substrate. Panels are furnished with a strippable film on the painted surfaces to protect the finish during shipment and installation.

### Use & Application:

GlazeGuard® 1000 FR is installed in aluminum glazing or storefront channels (on setting blocks) and sealed using gaskets. No fasteners or adhesives are used in the installation of the panel. Typical applications include glazing infill, modesty screens, spandrel panels, and railing inserts.



# GLAZE GUARD® 1000 FR

## MATERIAL PROPERTIES

Component	Standard (in)	Metric (mm)
<b>A</b> Prefinished Textured Aluminum <sup>1</sup> (or) Prefinished Smooth Aluminum <sup>1</sup>	.010" .024"	0.25mm 0.61mm
<b>B</b> Medium Density Fiberboard (MDF)	1/8"	3.18mm
<b>C</b> Polyisocyanurate (ISO) Foam	3/16"	4.76mm
<b>D</b> Type-X Gypsum Board	5/8"	15.9mm
<b>E</b> Prefinished Smooth Aluminum <sup>1</sup>	.024"	0.61mm

## PANEL PROPERTIES

Property	Standard (in)	Metric (mm)	
Panel Weight	Textured Face	3.39 lbs/ft <sup>2</sup>	16.5 kg/m <sup>2</sup>
	Smooth Face	3.58 lbs/ft <sup>2</sup>	17.5 kg/m <sup>2</sup>
Nominal Thickness	1"	25mm	
Thickness Tolerance	±1/16"	±1.59mm	
Length & Width Tolerance	+0, -1/8"	+0, -3.18mm	
Squareness	1/64" per lineal ft		
Flatness	visually flat		

## FINISH PROPERTIES

Finish	Type	Coating
Textured Polyester	1-coat	0.80 mil color
Smooth Kynar 500®	2-coat PVDF (solid, mica)	0.20 mil primer + 0.80 mil color
	3-coat PVDF (metallic)	0.20 mil primer + 0.80 mil color + 0.70 mil clear
Smooth Anodized	Exterior Standard No. 1 <sup>2</sup>	0.20 mil to 0.45 mil (depending on color)

## PANEL PERFORMANCE

Property	Test	Value	Unit
Flame Spread	ASTM E84	Class A	---
R-Value	---	2.70	°F-ft <sup>2</sup> -h/BTU
Wind Load (4' x 4' and 4' x 8' tested)	ASTM E72	varies, available upon request	

- 1 - Prefinished aluminum skins are furnished with a PVC film for protection during shipment and installation.  
 2 - Class I or Class II anodizing is available as a premium custom finish. However, the warranty remains the same and fabrication difficulties will result (increased crazing, cracking) due to the increased film thickness.

## STANDARD SIZES

48" x 96" (121.9cm x 243.8cm)  
 48" x 120" (121.9cm x 304.8cm)  
 48" x 144" (121.9cm x 365.8cm)

Cut-to-size panels are available in any increment up to 48" x 144".

## WARRANTY

Panel Composition: 5 years  
 Polyester Finishes: 5 years  
 Kynar 500® Finishes: 30 years  
 Anodized Finishes: 20 years

## RECYCLED CONTENT (BY WEIGHT)

### Panels With Textured Face

Post-Consumer: 0.2%  
 Post-Industrial: 23.6%

### Panels With Smooth Face

Post-Consumer: 0.2%  
 Post-Industrial: 25.8%

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