



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



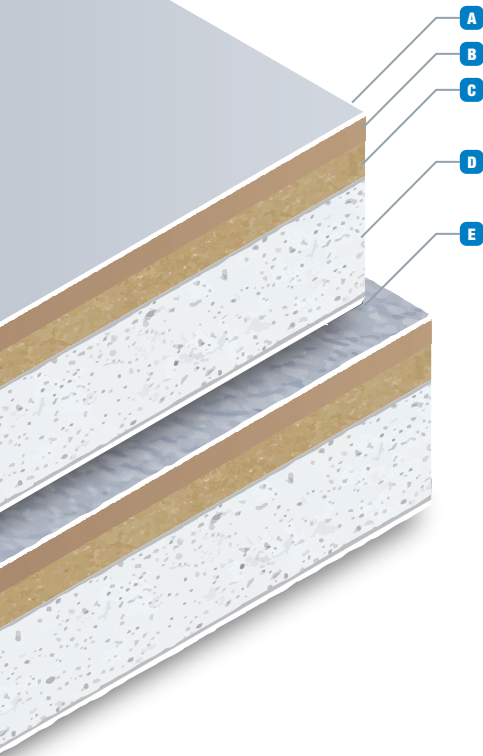
### Description:

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.

# GLAZEGUARD® 1000 FR



MATERIAL PROPERTIES			
Component		Standard (in)	Metric (mm)
A	Prefinished Textured Aluminum <sup>1</sup>	.010"	0.25mm
	(or) Prefinished Smooth Aluminum <sup>1</sup>	.024"	0.61mm
B	Medium Density Fiberboard (MDF)	1/8"	3.18mm
C	Polyisocyanurate (ISO) Foam	3/16"	4.76mm
D	Type-X Gypsum Board	5/8"	15.9mm
E	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
	2-coat PVDF (solid, mica)	0.20 mil primer + 0.80 mil color
Smooth Kynar 500®	3-coat PVDF (metallic)	0.20 mil primer + 0.80 mil color + 0.70 mil clear
	Exterior Standard No. 1 <sup>2</sup>	0.20 mil to 0.45 mil (depending on color)
Smooth Anodized		

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: 10 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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