

GLAZEGUARD® 250 WR

WATER RESISTANT GLAZING INFILL PANELS



FEATURES & BENEFITS

- Fits standard 1/4" glazing systems
- Suitable for interior and exterior applications
- Water resistant
- Polypropylene core
- Low maintenance
- Several standard sizes available with minimal lead time
- Easily cut-to-size in the field, or take advantage of Citadel's cut-to-size fabrication

Description:

GlazeGuard 250 WR is a composite panel with textured or smooth aluminum skins and a polypropylene substrate. Panels are furnished with a strippable film on the painted surfaces to protect the finish during shipment and installation.

Use & Application:

GlazeGuard 250 WR 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.

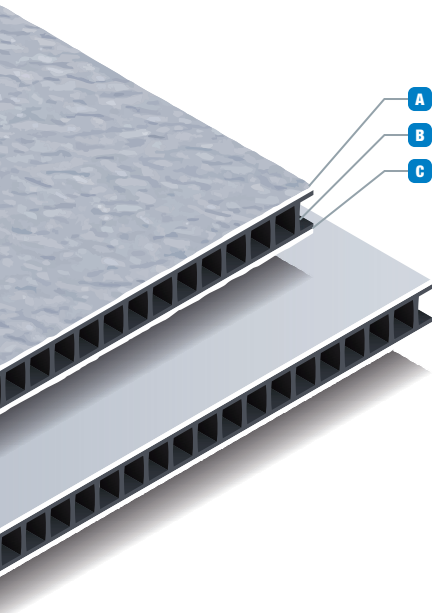
Finishes:

A variety of finishes and colors to choose from.

- Economical, textured polyester finishes
- Long-lasting, smooth Kynar 500® finishes
- Anodized finishes to match storefronts

Visit www.citadelap.com for a full color chart.

GLAZEGUARD 250 WR



MATERIAL PROPERTIES

Component	Standard (in)	Metric (mm)
A Prefinished Textured Aluminum ¹	.010"	0.25mm
	(or) Prefinished Smooth Aluminum ¹	0.61mm
B High Density Polypropylene	.197"	5.00mm
C Prefinished Textured Aluminum ¹	.010"	0.25mm
	(or) Prefinished Smooth Aluminum ¹	0.61mm

PANEL PROPERTIES

Property	Standard (in)	Metric (mm)
Panel Weight	Textured Skins	0.61 lbs/ft ²
	Smooth Skins	1.00 lbs/ft ²
Nominal Thickness	1/4"	6mm
Thickness Tolerance	±1/32"	±0.79mm
Length & Width Tolerance	+0, -1/8"	+0, -3.18mm
Squareness	1/64" per lineal ft	
Flatness	Visually flat	

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)
60" x 96"	(152.4cm x 243.8cm)
60" x 120"	(152.4cm x 304.8cm)
60" x 144"	(152.4cm x 365.8cm)

Cut-to-size panels are available in any increment up to 60" x 144"

WARRANTY

Polyester Finishes:	5 years
Panel Composition:	10 years
Kynar 500® Finishes:	30 years
Anodized Finishes:	20 years

RECYCLED CONTENT (BY WEIGHT)

Panels With Textured Skins

Post-Consumer:	1.2%
Post-Industrial:	17.1% to 21.1%

Panels With Smooth Skins

Post-Consumer:	0.8%
Post-Industrial:	35.2% to 37.7%

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 ²	0.20 mil to 0.45 mil (depending on color)

PANEL PERFORMANCE

Property	Test	Value	Unit
Flame Spread	ASTM E84	Class A	—
R-Value - EPS / ISO	—	1.24	°F-ft ² -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.

For more information please go to:
www.citadelap.com or call (317) 894-9400

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