

Water Resistant Infill Solution  
With Increased Thermal Value



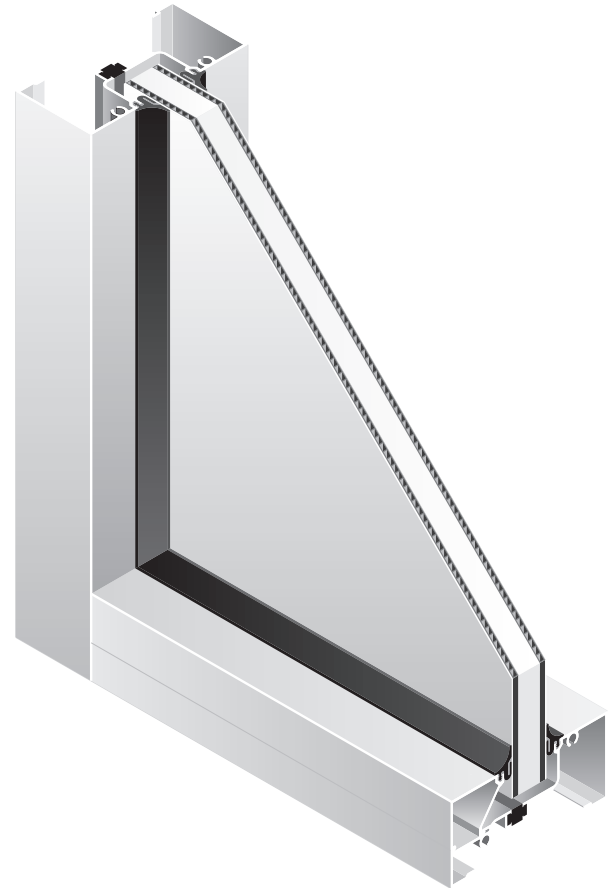
**CITADEL**  
ARCHITECTURAL PRODUCTS

## GLAZEGUARD® 1000 WR+

WATER RESISTANT GLAZING INFILL PANELS

### FEATURES & BENEFITS

- fits standard 1" glazing systems
- custom thicknesses up to 3-1/2"
- economical, textured polyester finishes
- long-lasting, smooth Kynar 500® finishes
- anodized finishes to match storefronts
- water resistant
- polypropylene 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

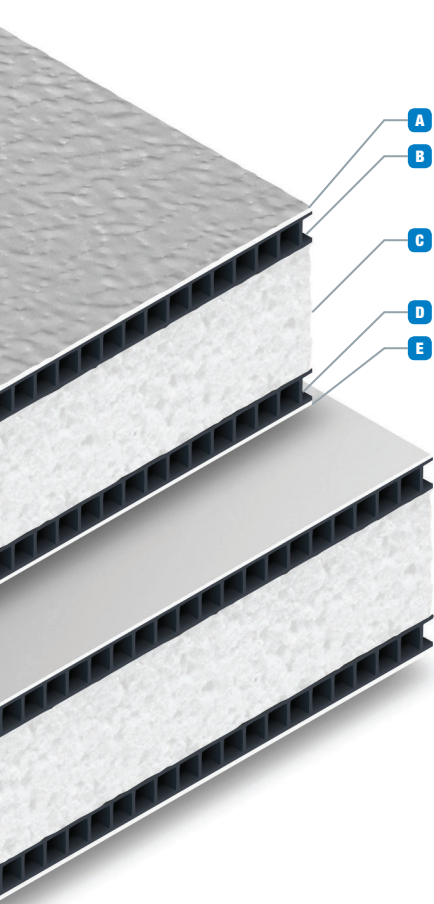


### Description:

GlazeGuard® 1000 WR+ is a composite panel with textured or smooth aluminum skins, polypropylene stabilizers, and an EPS or ISO foam core. Panels are furnished with a strippable film on the painted surfaces to protect the finish during shipment and installation.

### Use & Application:

GlazeGuard® 1000 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.



# GLAZEGUARD® 1000 WR PLUS

## MATERIAL PROPERTIES

Component	Standard (in)	Metric (mm)
<b>A</b> Prefinished Textured Aluminum <sup>1</sup> (or) Prefinished Smooth Aluminum <sup>1</sup>	.010"	0.25mm
	.024"	0.61mm
<b>B</b> High Density Polypropylene	1/8"	3.00mm
<b>C</b> Expanded Polystyrene (EPS) Foam (or) Polyisocyanurate (ISO) Foam	11/16"	17.4mm
	11/16"	17.4mm
<b>D</b> High Density Polypropylene	1/8"	3.00mm
<b>E</b> Prefinished Textured Aluminum <sup>1</sup> (or) Prefinished Smooth Aluminum <sup>1</sup>	.010"	0.25mm
	.024"	0.61mm

## PANEL PROPERTIES

Property	Standard (in)	Metric (mm)	
Panel Weight	Textured Skins - EPS / ISO	0.80 / 0.84 lbs/ft <sup>2</sup>	3.88 / 4.10 kg/m <sup>2</sup>
	Smooth Skins - EPS / ISO	1.18 / 1.23 lbs/ft <sup>2</sup>	5.77 / 5.99 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 - EPS / ISO	---	4.19 / 6.13	°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)
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

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

## RECYCLED CONTENT (BY WEIGHT)

### Panels With Textured Skins

Post-Consumer:	EPS - 0.9% ISO - 0.9%
Post-Industrial:	EPS - 13.1% to 17.0%
	ISO - 12.5% to 16.2%

### Panels With Smooth Skins

Post-Consumer:	EPS - 0.7% ISO - 0.7%
Post-Industrial:	EPS - 29.9% to 32.5%
	ISO - 28.7% to 31.2%

## Citadel Architectural Products, Inc.

3131-A North Franklin Road  
 Indianapolis, Indiana 46226  
 phone (317) 894-9400 • (800) 446-8828  
 fax (317) 894-6333 • (800) 247-2635  
[www.citadelap.com](http://www.citadelap.com) • [info@citadelap.com](mailto:info@citadelap.com)

