

Addendum #1

Polycarbonate Glass – Three Year Contract (FY23-FY25)

Issue Date: Tuesday, February 8, 2022

Bids Due: Wednesday, February 23, 2022 at 1:00PM

1. ASTM D-635 – is that meant to just read “ASTM D-635” ?

Yes, this should read “ASTM D-635”

2. Myself and all manufacturers I’ve checked with are unfamiliar with “Class Z”. Are you able to provide the information for that?

This should read: ¼” Polycarbonate Clear, ASTM D-635, Laird Plastics 48”x96”

3. Is there an estimate on how much of each gauge was used on the prior contract? Is the prior award information available? I did not see it in the archived bids on the website.

There is not an estimate. Our current contract rates for these items can be found on the following pages.

4. Are you just looking for general purpose polycarbonate, or do you need a coated product like MR10 for abrasion resistance?

We typically purchase general purpose. Please also submit pricing for MR10.

5. Please advise what the “panel board brown” is or provide a past cert.

Attached here is a spec sheet for the panel board.

BID BLANK

The Honorable Jorge O. Elorza, Chairman
Board of Contract and Supply
City Hall
Providence, RI 02903

Dear Mayor Elorza,

Crystal Glass & Door Co hereby agrees to contract and furnish all labor, and service necessary for **POLYCARBONATE GLASS-3 YEAR CONTRACT (BLANKET ORDER) FY 2019/20** all in accordance with the specifications and in the manner and upon conditions herein provided for the total sum(s) listed below:

FIXED PRICING BID ITEMS

<u>UNIT OF ISSUE</u>	<u>ITEM</u>	<u>UNIT PRICE YR 2019/20</u>	<u>UNIT PRICE YR 2020/21</u>	<u>UNIT PRICE YR 2021/22</u>
SF	1/8" Polycarbonate Clear ASTEM D-635, Class Z	<u>4.25</u>	<u>4.50</u>	<u>4.65</u>
SF	1/4" Polycarbonate Clear ASTEM D-635, Class Z	<u>7.64</u>	<u>7.89</u>	<u>8.04</u>
SF	3/16" Polycarbonate Clear ASTEM D-635, Class Z	<u>5.81</u>	<u>6.06</u>	<u>6.21</u>
SF	1/4" Panel Board Brown	<u>8.67</u>	<u>9.00</u>	<u>9.15</u>
<u>Plexi-Glass/Lexan</u>				
	1/4" Tinted Lexan	<u>10.00</u>	<u>10.25</u>	<u>10.40</u>
	1/8" Tinted Lexan	<u>5.00</u>	<u>5.25</u>	<u>5.40</u>
<u>TOTALS</u>		<u>41.37</u>	<u>42.99</u>	<u>43.85</u>
		<u>Yr 2019/20 TOTAL</u>	<u>Yr 2020/21 TOTAL</u>	<u>Yr 2021/22 TOTAL</u>

Lightweight & Water Resistant
Infill Solution



GLAZEGUARD® 250 WR

WATER RESISTANT GLAZING INFILL PANELS

FEATURES & BENEFITS

- fits standard 1/4" glazing systems
- economical, textured polyester finishes
- long-lasting, smooth Kynar 500® finishes
- anodized finishes to match storefronts
- water resistant
- polypropylene core
- can be easily cut-to-size in the field
- very low maintenance
- no minimum quantities
- quick lead time
- available in several standard sizes



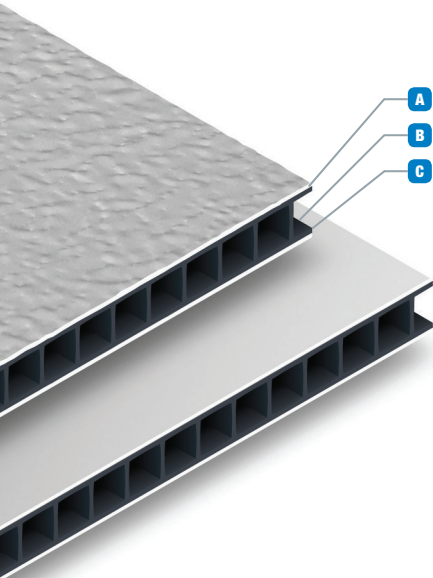
Description:

GlazeGuard® 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.

GLAZE GUARD® 250 WR



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

Panels With Smooth Skins

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

MATERIAL PROPERTIES

Component	Standard (in)	Metric (mm)
A	Prefinished Textured Aluminum ¹	.010"
	(or) Prefinished Smooth Aluminum ¹	.024"
B	High Density Polypropylene	.197"
C	Prefinished Textured Aluminum ¹	.010"
	(or) Prefinished Smooth Aluminum ¹	.024"

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	

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	---	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.

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