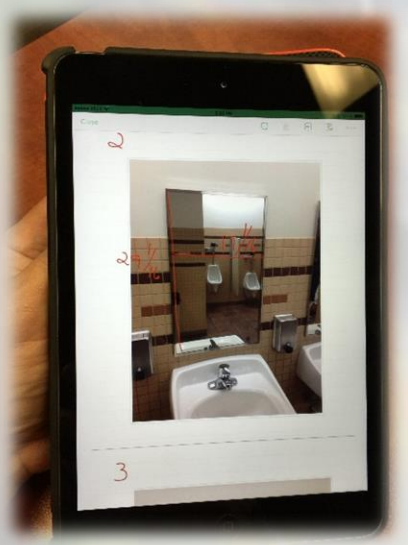
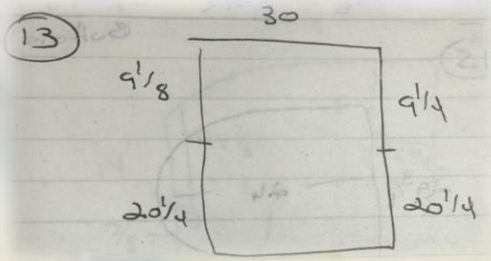
GRAFFITI SHIELD INC.

HOLISTIC APPROACH TO GRAFFITI CONTROL

Glass Shield Measuring Guide





Glass Shield Measuring Guide:

Recommended Items

Technology:

- Ipad and Rubber Tipped Stylus
- Apps to use: Penultimate (Free), Notability (Fee Based), or My Measures Pro (Fee Based)

Or Basic:

- Full size notebook
- Pen or pencil

Other Items

- Tape Measure with at least 1/16” in markings
- Permanent Marker (Part Numbering)
- Dry erase pen (Measuring Marks Only)
- Camera if not using Ipad

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Glass Shield Measuring Guide:

Step 1:

Determine the order you will use to measure.

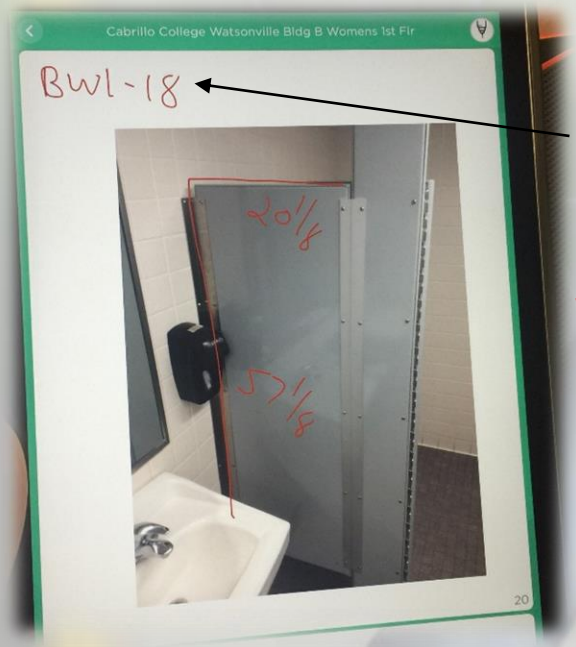
Examples: Left to Right, Right to Left

Step 2:

Determine part numbering system. The shorter the better.
Examples: “WSF-1” West StoreFront piece #1. Then change locations and last digit for each continuous piece. Change the first segment as you change elevation, room, building, etc. This should create an easy flow and understanding.

Step 3:

Mark part numbers on the lower right hand corner of all pieces in the order determined in Step 1. Use a permanent marker to mark each piece. This will be removed at time of install.



Example:
BWI-18
Building B
Women’s
1st Floor
Piece 18

Part Number Example

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Glass Shield Measuring Guide: What To Look For While Measuring

Gaskets

Frame Conditions & If Squared

Brackets

Cutouts Or Framing

Round Sides and Angels

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Glass Shield Measuring Guide:

Step 4:

Measure your width/horizontal side and capture. Make sure to get exact measurements to the 1/16″ to the edge, or the frame.

Step 5:

Measure your height/vertical side and capture. Make sure to get exact measurements to the 1/16″ to the edge, or the frame.

Our designers will do a small deduction to make sure the Glass Shield drops in. Typically it is 1/16 on all sides. If your measurements include a reveal, please note that on your drawing and submission.

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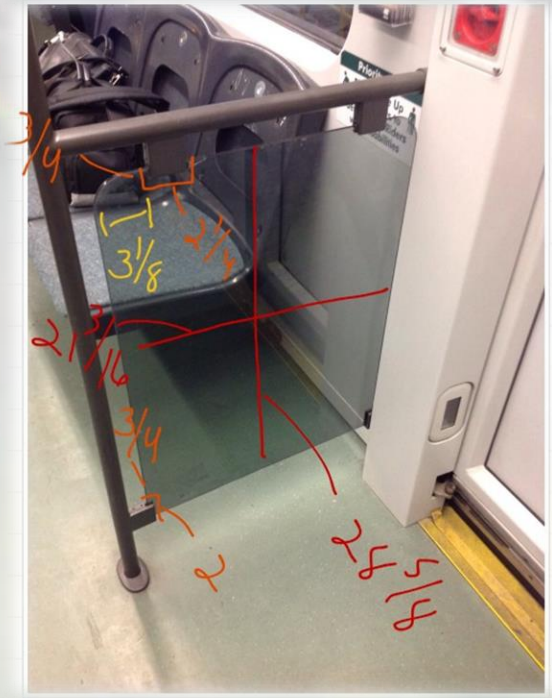


Example Cuts

Glass Shield Measuring Guide:

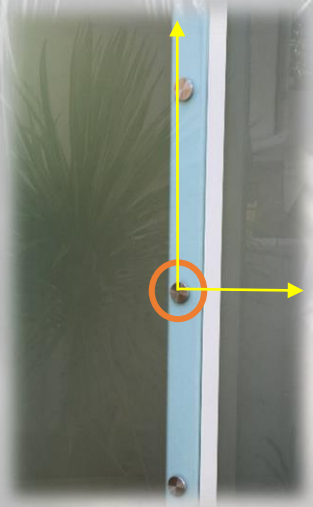
Step 6a:

Measuring around objects such as locks, or mounting hardware is easy to do.

Make sure to capture width and height of the cutout and be sure to give enough space to clear object. Shown in Orange

Then distance from any edge. Shown in Yellow

If a hole is needed, measure the diameter of hole with at least 1/8” added. Shown below in Orange. Distances from the edges to the center of the cut out are needed for an accurate placement. Shown below in Yellow.



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Glass Shield Measuring Guide:

Step 6b:

Measuring odd shapes can be tricky. It may require a physical pattern be made with release liner, butcher paper, even a piece of plastic.

Graffiti Shield has a large format scanner that we can scan the pattern.

If a pattern cannot be made, then many measurements will be needed. You can also look at the Metal Shield Measuring Guide page 9 for more details

Measure:
Width and Height ↔
Lower Cutout Width and Height ↔
Radius Size For Cutout →
Large Radius Will Be Automatic →

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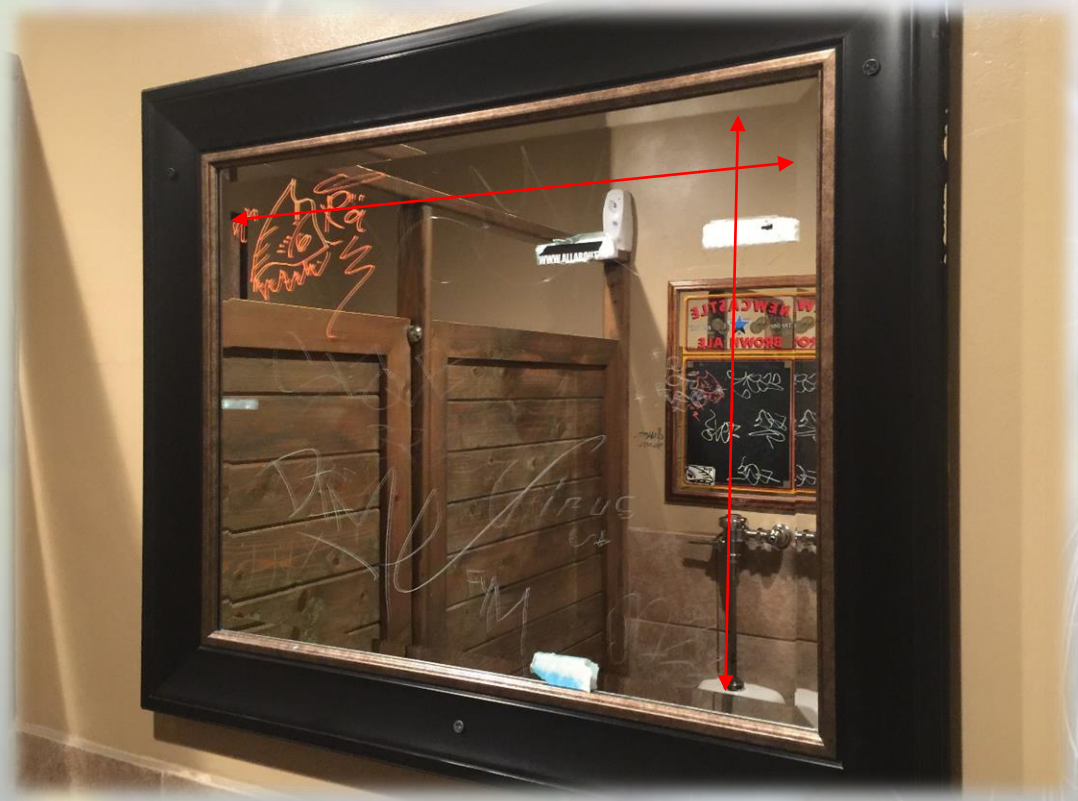
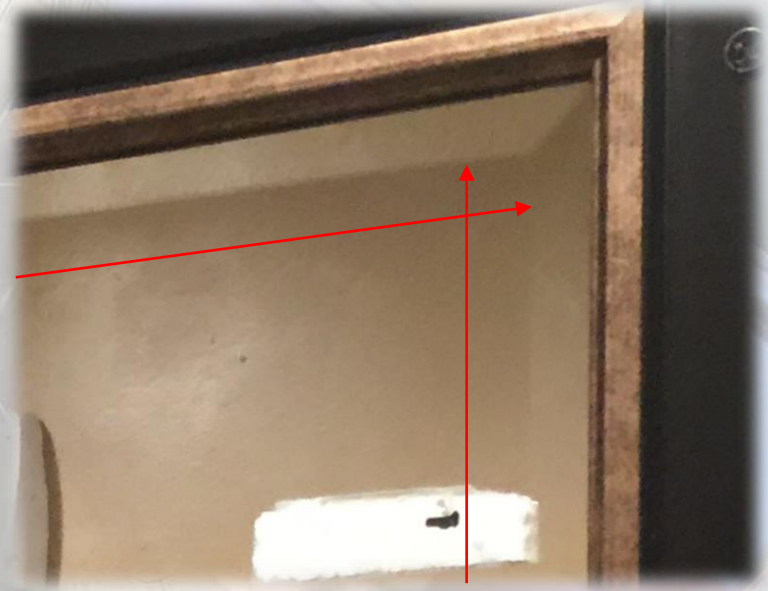
Glass Shield Measuring Guide:

Step 7:

Measuring a beveled mirror.

Please note the thickness of Glass Shield does not allow conforming to beveled edges. This means you can only measure from the flat edge to the opposite flat edge. Shown in Red.





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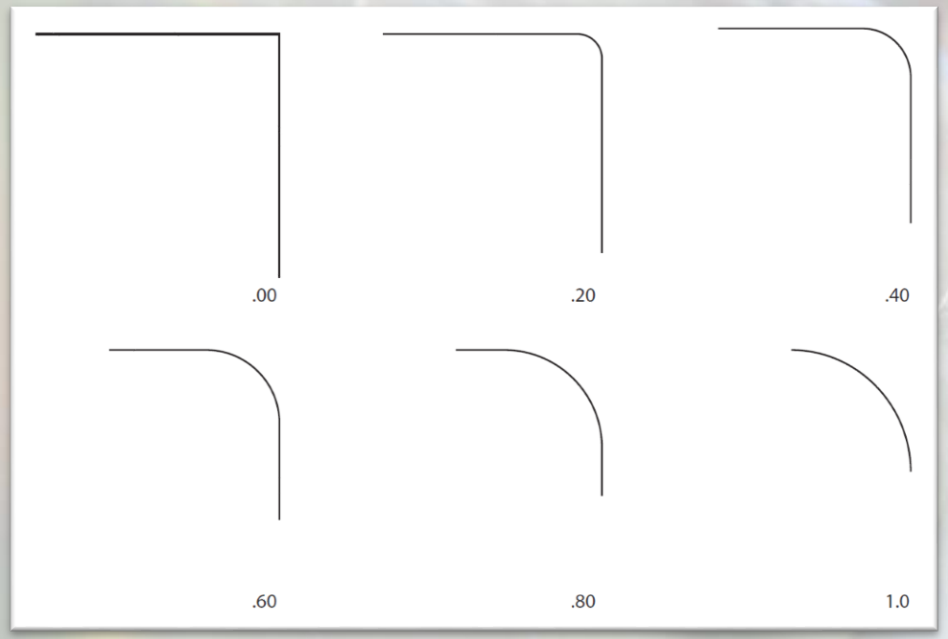
Glass Shield Measuring Guide:

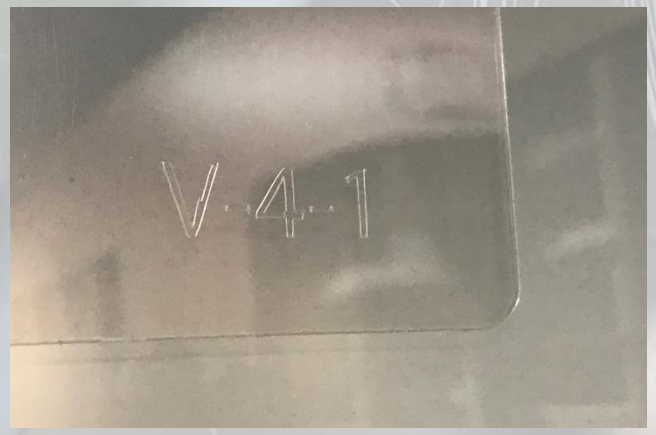
Radius Guide



This guide shows what each radius looks like.

- A traditional radius is .20.
- Radius's are important and should be noted on drawings.
- We like to use a radius to minimize a peel point for vandals and to make the installation look factory.
- Most of the time the same radius is used throughout a project.
- Radius's can also be used to match existing curves or designs in any design.

If you need anymore assistance with measuring or anymore guides, please send a request to sales@graffiti-shield.com.



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Window Name/Customer Part #	Customer Part Number-To Engrave	Reduction	Radius Y/N	Radius Area	Radius Size	Horiz (Width)	Vert (Height)	# of
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0
						0	0	0

Glass Shield Measuring Guide:

Pre Cut Take Off Sheet

- As part of the measuring guide, we recommend asking for the take off sheet created for you in Microsoft Excel.

- It's a simple sheet to fill out and will help in the design and costing process for your project.

- It's a left to right fill in format that asks for specific items to be plugged in for the creation of your panels.

Key items:

Part number, reductions, radius's, panel sizes, and quantities.

Window Name/Customer Part #	Customer Part Number-To Engrave	Reduction	Radius Y/N	Radius Area	Radius Size	Horiz (Width)	Vert (Height)	# of
Elevator 101 Left Panel	ELV101-1	0.125	Yes	All	0.2	35 1/4	49 1/2	1
						0	0	0
						0	0	0
						0	0	0

Take Off Excel Sheets Are Emailed As Needed. Please send a request to sales@graffiti-shield.com

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