

FLAT GLASS PRICE BOOK

Stock Sheet, Cut to Size, Fabrication, Tempering, I.G. Units & Sundries

WHOLESALE PRICING
Effective 07/2021

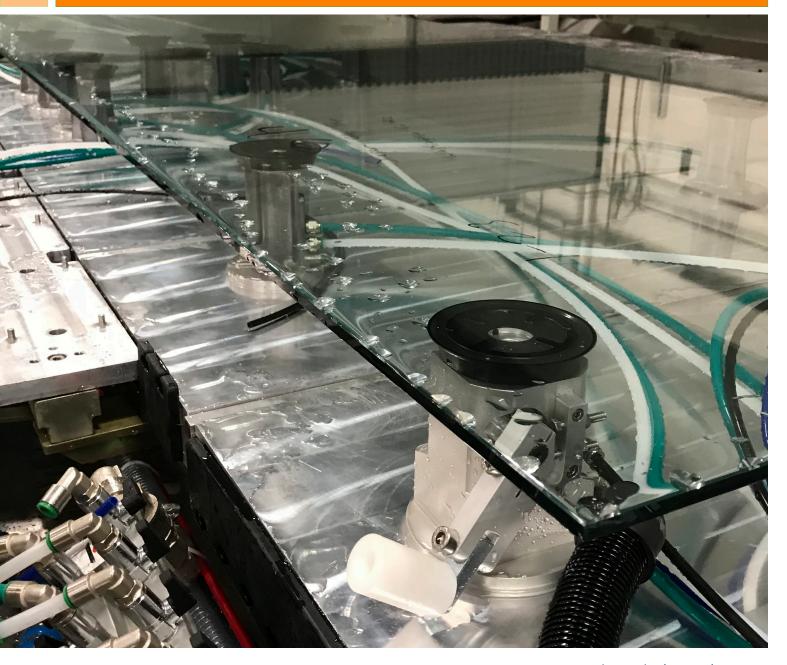




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QUOTE REQUESTS - SEND ALL QUOTE REQUESTS TO:

- quotes@wisconsinshowerdoor.com
- Fax to: 262.251.0718

ORDER REQUESTS - SEND TO ORDER REQUESTS TO:

- orders@wisconsinshowerdoor.com
- Fax to: 262.251.0718
- Incomplete orders will be delayed until all information is received; order dates are established once all information is received.

Quotes and Orders will not be processed if sent directly to CSR emails.

STOCK SHEET - FLAT GLASS

PATTERN GLASS

						PRIC	E PER SQU	ARE FOOT
					lca	VOL annot mix DS & SS with	.UME PRICING	
GLASS	5	SHE	ET SIZI	E	ONE	FIVE	TEN	TWENTY+
SS	Non-Glare	36"	48"		6.51	6.16	*CASE OF 4	
SS	Non-Glare	40"	60"		12.62	11.67	*CASE OF 2	
SS	Clear Plate	48	84		0.69	0.65	0.61	0.60
DS	Clear Plate	48 72	84 84		0.91	0.86	0.81	0.79
3/16"	Clear Plate	72	130		1.76	1.67	1.59	1.56
1/4"	Clear Plate	48 48 60 72	105 130 130 130		1.81	1.72	1.64	1.61
3/8"	Clear Plate	96	130	#	4.08	3.84	3.64	3.56
1/2"	Clear Plate	96	130	#	4.96	4.69	4.46	4.37
3/4"	Clear Plate	84	130	#	17.62	16.66	15.80	15.48
1/4"	Optiwhite	96	130	#	4.07	3.90	3.74	3.68
3/8"	Optiwhite	96	130	#	9.05	8.67	8.32	8.19
1/2"	Optiwhite	96	130	#	9.91	9.55	9.22	9.10
3/4"	Optiwhite (Call for Availability)	72	130	#	24.62	23.73	22.91	22.60
3/16	Robax®	43	77		25.00			
1/8"	Bronze/Grey Plate	B: 65 G: 72	96 84		3.86	3.57	3.32	3.24
3/16"	Bronze/Grey Plate	65	96		3.66	3.43	3.23	3.16
1/4"	Bronze/Grey Plate	96	130	#	3.44	3.25	3.07	3.01
3/8"	Bronze/Grey Plate	96	130	#	10.98	10.45	9.98	9.80
1/8"	Midnight Grey	65	96		2.62	2.50	2.40	2.36
1/4"	.030 Clear Laminated	36 40 48 60	84 80 84 96		4.28	4.13	3.99	3.94
1/4"	.030 Bronze Laminated	40	80		5.11	4.92	4.75	4.69
1/4"	.030 Grey Laminated	40	80		5.11	4.92	4.75	4.69
1/4"	.030 Green Laminated	36 48	84 84		5.11	4.92	4.75	4.69
1/4"	.030 Hue White Laminated	60	96		6.41	6.18	5.96	5.88

Split Sheet Pricing – Price for one (1) cut to split sheet from stock sheet size as follows: // Split sheets require one (1) production day and will not be available for next day delivery.

SS - 1/4" - \$7.50 one cut

3/8" - \$15.00 one cut

1/2" - \$15.00 one cut

3/4" - \$50.00 one cut (all 3/4" stock must be split)

Lami - \$15.00 one cut

Robax - \$10.00 one cut

#Jumbo sheet stock - Split charges apply // WSD will not deliver jumbo stock sheets

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STOCK SHEET - MIRROR

						PR	ICE PER SQL	JARE FOOT		
						VOLUME PRICING (cannot mix DS & SS with 3/16" or thicker for quantity disco				
MIRR	OR	SHEET SIZE		ONE	FIVE	TEN	TWENTY+			
DS	Clear Mirror	48	84		2.00	1.85	1.78	1.74		
3/16"	Clear Mirror	72	120		3.02	2.75	2.62	2.54		
1/4"	Clear Mirror	42 48 48 60 72 72 72 84	120 100 120 120 100 120 144 120	###	3.06	2.77	2.63	2.55		
1/4"	Bronze/Grey Mirror	72	130		6.05	5.50	5.24	5.08		
1/4"	Black Mirror	96	130	#	10.77	9.69	9.19	8.88		
1/4"	Antique Mirror-Clear	72	130		9.84	9.01	8.62	8.37		
1/4"	Clear Laminated Mirror	48	84		9.76	8.70	8.21	7.91		

STOCK SHEET - PATTERN GLASS

PRIC	E PER SQUARE FOOT										
		SHE	ET SIZE	Ξ				SHE	ET SIZ	ĽΕ	
GLASS	;	W	Н		PRICE	GLAS	s	W	Н		PRICE
1/8"	German New Antique	57	82		11.89	1/4"	Glue Chip – Rolled	72	84		4.77
1/8"	Pattern #62	72	84		2.36	1/4"	Master Carre	78	126		8.98
1/8"	Velour on Soda Lime	65	96		6.00	1/4"	Pattern #62	72	84		3.23
						1/4"	Rain	72	84		3.66
5/32"	Cottswald	52	84		6.57	1/4"	Reeded	72	84		6.26
5/32"	Flemish	72	84		6.37	1/4"	Velour on Soda Lime	96	130	#	4.93
5/32"	Narrow Reeded	65	126	#	5.44						
5/32"	Winterlake	65	85		6.39	3/8"	Glue Chip – Rolled	72	84		9.07
						3/8"	German New Antique	61	94		37.67
3/16"	Aquatex	72	84		2.51	3/8"	Master Carre	80	99		14.49
						3/8"	Rain	72	96		7.41
1/4"	Aquatex	72	84		3.32	3/8"	Rolled Cast Glass	72	84		14.11
1/4"	Autumn	72	84		8.46	3/8"	Velour on Soda Lime	96	130	#	7.54
1/4"	lma	72	84		5.21	3/8"	Velour on Starphire	96	130	#	13.96
1/4"	Flemish	72	84		7.17						
						1/2"	Velour on Soda Lime	96	130	#	10.78

^{*}Discontinued Patterns - Limited quantities, call for availability.

CUT-TO-SIZE

EDGE TREATMENTS

WSD WILL NOT TEMPER CUSTOMERS GLASS

PRIC	E PER SQUARE FOOT						
		PR	ICE			PR	ICE
	_	ANNEALED	TEMPERED		-	ANNEALED	TEMPERED
PLATE	GLASS			LOW E	(ENERGY ADVANTAGE)		
SS	Non-Glare (36" x 48" max)	7.63		1/8"	Low E (Energy Advantage)	4.99	6.08
SS	Non-Glare (40" x 60" max)	15.13		3/16"	Low E (Energy Advantage)	6.00	7.15
SS	Clear Plate	1.66		PATTE	RN GLASS		
DS	Clear Plate	1.88	3.43	1/8"	Clear Seedy	13.27	
3/16"	Clear Plate	2.79	3.70	1/8"	Clear Water	CALL	
1/4"	Clear Plate	2.83	3.87	1/8"	German New Antique	18.32	
3/8"	Clear Plate	5.38	6.35	1/8"	Pattern #62	4.36	5.32
1/2"	Clear Plate	6.37	9.39	1/8"	Velour on Soda Lime	6.33	7.00
3/4"	Clear Plate	18.67					
1/4"	Optiwhite	5.45	6.73	5/32"	Cottswald	9.65	
3/8"	Optiwhite	11.19	13.61	5/32"	Flemish	10.36	
1/2"	Optiwhite	14.13	20.79	5/32"	Narrow Reeded	8.48	
3/4"	Optiwhite	36.29	20.79	5/32"	Winterlake	9.40	
3/4	Оримпие	30.29					
3/16"	Robax®	42.19		3/16"	Aquatex	4.01	5.25
					_		
TINTE	D GLASS			1/4"	Aquatex	6.03	8.43
1/8"	Bronze/Grey Plate	4.60	4.98	1/4"	Autumn	13.19	15.15
3/16"	Bronze/Grey Plate	5.11	5.07	1/4"	White (Back-Painted) on Low-Iron	14.28	16.24
1/4"	Bronze/Grey Plate	5.25	5.29	1/4"	lma	9.28	11.80
3/8"	Bronze/Grey Plate	14.55	18.15	1/4"	Flemish	11.75	14.27
1/8"	Midnight Grey	3.53	10.37	1/4"	Glue Chip – Rolled	9.16	11.87
				1/4"	Master Carre	13.09	15.84
LAMIN				1/4"	Misco Wire	15.99	
1/4"	.030 Clear Laminated	7.35		1/4"	Pattern #62	5.94	7.94
1/4"	.030 Bronze Laminated	8.16		1/4"	Rain	5.21	8.10
1/4"	.030 Grey Laminated	8.16		1/4"	Reeded	12.05	14.61
1/4"	.030 Green Laminated	8.16		1/4"	Velour on Soda Lime	6.90	9.87
1/4"	.030 Hue White Laminated	9.87					
MIRRO	nD			3/8"	Glue Chip – Rolled	16.27	19.33
1/8"	Clear Mirror	3.57		3/8"	German New Antique	49.76	53.09
3/16"	Clear Mirror	4.33		3/8"	Master Carre	23.70	26.69
1/4"	Clear Mirror	4.26		3/8"	Rain	10.62	13.91
17 -	c.cu minor	4.20		3/8"	Reeded	15.14	16.81
1/4"	Bronze/Grey Mirror	7.12		3/8"	Rolled Cast Glass	25.90	26.07
1/4"	Black Mirror	10.92		3/8"	Velour on Soda Lime	13.02	16.29
				3/8"	Velour on Starphire	24.67	27.55
1/4"	Antique Mirror-Clear	12.41					
				1/2"	Velour on Soda Lime	20.69	26.23
1/4"	Clear Laminated Mirror	10.84		*Discon	tinued Patterns - Limited quan	tities, call for avail	ability.

CUT-TO-SIZE SPECIFICATIONS

EDGE TREATMENTS

		GLASS THICKNESS									
	DS & SS	5/32	3/16"	1/4"	3/8"	1/2"	3/4"				
Minimum Quantities											
Annealed - Translucent & Mirror per order	1 sq ft - All glass thicknesses										
Annealed - Pattern Glass	1 sc per p										
Annealed - Robax	No Min.		'				_				
Tempered - All Glass Types per piece		3 sq ft - All glass thicknesses									

Dimensions & Tolerances								
Out of Square	WSD does not charge for out of square conditions							
Tolerances	±1/16"	±1/16"	±1/16"	±1/16"	±1/8"	±1/8"	±3/16"	
Hold Exact Size	Add 20% to order							

Edgework Requirements								
Annealed All annealed shipped goods will be seamed // Seaming charges apply (see page 8)								
Tempered	All tempered includes seaming in tempering price	Satin Polish (charges apply)						

Size Charges					
Undersize Items Lites with a width of less than 10" will be calculated as a minimum of All glass thicknesses					
Undersize Charge Charged on items less than 8" down to 2" that require bevel or miter		\$88.00	\$88.00	\$88.00	
Tempered Oversize Charge Charged on glass ≥120″	Add 75% to square foot pri				

Oversize Charge (per piece)	\$23.10 mult	tiplied by Oversize Quantity				
Oversize Quantity = sq ft of	Oversize Quantity Example (using ¼" glass)	Thickness Figure (below)				
piece / thickness figure Note: Oversize Quantity must be 1 or greater for oversize charge to apply	$\begin{array}{c} \text{sq ft of} \\ \underline{\text{piece}} \\ \hline \text{thickness} \end{array} = \frac{36 \text{ sq ft}}{24 \text{ sq ft}} = 1.5 \\ \text{figure} \end{array}$	24 sq ft	20 sq ft	15 sq ft	7 sq ft	

Other Charges							
EnduroShield	Add \$3.15 per sq ft (Care Package not included)						
Tempering Limitations - Additional tempering limitations can be found on page 11							

TEMP. LIMITATIONS

EDGE TREATMENTS

EDGE TREATMENTS

STRAIGHT LINE EDGE	TREATMENT		AL\	NAYS USE NEX	T EVEN INCH		PER INCH DGE WORK
			GL	ASS THICKNESS	5		
TREATMENT	1/8"	3/16"	1/4"	1/4" LAMI	3/8"	1/2"	3/4"
Seamed Edge	0.044	0.044	0.044	0.044	0.099	0.132	0.187
Flat Polish Edge	0.077	0.077	0.077	0.926	0.165	0.221	0.331
½" Bevel	0.154	0.110	0.110		0.281	0.331	0.529
¾" Bevel		0.143	0.143		0.316	0.364	0.573
1" Bevel		0.182	0.182		0.356	0.408	0.650
1¼" Bevel		0.221	0.221		0.397	0.441	0.750
1½" Bevel		0.298 NT	0.298 NT		0.478	0.518	0.904
2" Bevel NT			0.992 NT		1.207 NT	1.213 NT	2.249 NT
Double Bevel NT			Quote		Quote	Quote	Quote
Dual Bevel NT					Quote	Quote	Quote
0-45° Miter			0.662		0.772	0.937	1.224
Chamfer					0.772	0.937	1.224
Pencil Polish	Pencil Polish	Minimum \$25.00	0.419	0.926	0.474	0.540	0.937

SHAPE / DIAMETER ED	GE TREATMENT	Г	ALV	NAYS USE NEXT	ΓEVEN INCH x	PRICE PE	
			GLA	ASS THICKNESS			
TREATMENT	1/8"	3/16"	1/4"	1/4" LAMI	3/8"	1/2"	3/4"
Seamed Edge	0.044	0.055	0.055	0.055	0.099	0.132	0.187
Flat Polish Edge		0.419	0.419	0.926	0.474	0.540	0.937
½" Bevel	0.783	0.783	0.783		0.904	0.970	1.725
¾" Bevel		0.849	0.849		0.981	1.047	1.852
1" Bevel		0.926	0.926		1.047	1.114	2.007
1 ¼" Bevel		0.981	0.981		1.169	1.235	2.216
1½" Bevel			1.433 NT		1.566	1.621	2.988
Double Bevel NT					Quote	Quote	Quote
Dual Bevel NT					Quote	Quote	Quote
Pencil Polish			0.419	0.926	0.474	0.540	0.937

ADDITIONAL CHARGES	MINIMUM CHARGES
5 to 8 sided pieces – Require shapes polish // Add 35% to bevel	Straight Line Edge Work on Bevel Only – \$14.15 per order
Special degree bevel – \$27.30 Setup plus per inch bevel	Shape Edge Treatment – \$26.25 per piece
Add 35% to Edge Treatment for customer supplied glass	2" Bevel – \$27.30 Setup Charge plus \$50.00 Edge Work minimum

NT - Not able to be tempered

See page 12 for profiles of edge treatments.

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EDGE TREATMENTS

ETCHED FINGER PULL- \$35.00 - Standard Size 5/8" x 2 3/4"

						PRICE PI	ER EACH
			GL	ASS THICKNES	SS		
CORNERS (per corner unless otherwise stated)	1/8"	3/16"	1/4"	1/4" LAMI	3/8"	1/2"	3/4"
Flat Polish Radius Corner up to 10"	Setup	9.45	9.45		16.80	23.10	33.60
(Max 4 corners per piece) Add one (1) Setup Charge for up to (4) corners plus Shape Edge Treatment (per inch) for entire perimeter	Shape Edge	0.419	0.419		0.474	0.540	0.937
1" Bevel (Illustration on page13)			17.30		17.30	23.10	46.20
1½" Bevel (Illustration on page13)			17.30 NT		17.30	23.10	46.20
1", 1 ½" Beveled Radius Corner NT (Illustration on page 13)			46.20 NT		46.20 NT	52.00 NT	75.00 NT
Bump Corners		1.15	1.15	2.85	2.85	5.75	8.40
HOLES - (COUNTERSINK HOLES (up to 1 1/2" dia	meter counters	ink) - HOLE P	RICING 2X)				
1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"	3.70	3.70	3.70	Quote	6.30	8.40	28.85
1", 1 1/16", 1 3/16", 1 1/4", 1 1/2", 1 5/8", 1 3/4", 2", 2 1/4", 2 1/2"	5.80	5.80	5.80	Quote	18.35	18.35	36.75
3", 3 1/2", 4"	17.30	17.30	17.30	Quote	34.65	34.65	57.75
4 1/4" and up - CNC (\$40 minimum)							
SWITCHES OR OUTLETS - DRILLED NON-FINI	SHED INTERIOR	EDGE					
Single (Std. Size - 2 1/4" x 4 1/2")		18.15	18.15				
Double (Std. Size - 4 1/4" x 4 1/2")		36.40	36.40				
Triple (Std. Size - 6 1/4" x 4 1/2")		54.60	54.60				
Quad (Std. Size - 8" x 4 1/2")		72.75	72.75				
NOTCHES - MILLED SATIN ARIS EDGE // ALL NO	TCHES HAVE 3/	8" RADIUS (N	IINIMUM)				
Edge/Corner – Minimum Charge up to 30 U.I. Replaces Edge Notch (Hinge Notch)		27.30	27.30	Quote	34.40	34.40	56.70
Edge/Corner – >30 U.I. to 100 U.I. (per inch)		0.945	0.945	Quote	1.323	1.491	1.932
Edge/Corner – >100 U.I.		Quote	Quote	Quote	Quote	Quote	Quote
SANDBLASTED PLATE RAIL – \$26.25 Setup Ch	arge per piece +	\$1.75 per inc	h				
V-GROOVE – Please fax drawings for quote							

TEMP. LIMITATIONS

AICALION -

PATTERNS

PATTERN CHARGES –

	PATTERN CHARGE
Diameter Patterns on 3/8" & 1/2"	20.00
Diameter Patterns on 3/4" & Lami	35.00
Patterns for thicknesses on glass ≤3/16" with a seamed edge	20.00
Patterns on all other glass thicknesses with a seamed edge & Patterns on all glass thicknesses with a polished edge	45.00
Patterns on laminated glass	60.00

BLOCK SIZE CALCULATIONS – Additional material is required during the fabrication process to create a quality pattern. Use the following table to find your glass thickness and add the listed measurement to each dimension to determine the correct block size needed for your pattern.

ADD TO EACH DIMENSION
2"
ل ـ"
4
6"

MATERIAL – Reference the following chart for acceptable pattern materials. WSD will return all patterns submitted on unacceptable materials.

ACCEPTABLE	UNACCEPTABLE
Luan	Tissue Paper
Masonite	Wrapping Paper
White Butcher Paper	Newspaper
Glass	Brown Kraft Paper
Cardboard	Rosin Paper

QUALITY - The quality of the pattern that you send to WSD directly impacts the quality of the finished goods.

PATTERN MATCHING - WSD will match the submitted pattern; not dimensions.

CUTOUTS – Customers are responsible for cutting out patterns. A full size pattern is require for shapes other than squares, rectangles & diameters.

ADDITIONAL CHARGES - 5-8 sided patterns require shapes polishing.

SECTION

PROFILES & SHAPES

TEMPERING LIMITATIONS

HOLES AND NOTCHES – This chart should be used to determine minimum sizes and placement of holes and notches in tempered glass:

FABRICATION

GLASS THICKNESS (t)	1/8"	3/16"	1/4"	3/8"	1/2"	GENERAL RULE
Minimum Diameter of Holes (A)	1/4"	1/4"	1/4"	3/8"	1/2"	A≥t
Distance from Hole Rim to Edge of glass (B)	1/4"	3/8"	3/8"	9/16"	3/4"	B ≥ 1.5t
Distance between rims of holes (C)	3/8"	3/8"	1/2"	3/4"	1"	C ≥ 2t and 3/8"
Distance from Corner to Rim of Hole (E)	13/16"	1 7/32"	1 5/8"	2 7/16"	3 1/4"	E ≥ 6.5 x t
Minimum Fillet Radius (F)	3/8"	3/8"	3/8"	3/8"	3/8"	

- Countersink holes require technical review and approval before order acceptance.
- Large holes and notches greater than 1/3 the narrow dimension require technical review and approval.

HOLE AND NOTCH LOCATION TOLERANCES

- For dimensions of hole center from specified edge $\pm 1/16$ "
- For dimensions between hole centers ± 1/16"
- Chips and flakes will not exceed 1/16'
- Notch dimensions for glass 1/4" and under ± 1/16"
- Notch dimensions for 3/8" and 1/2" ± 1/8"

TEMPERED SIZE RANGE – Three (3) square foot minimum, odd or fractional dimensions will be billed at the next higher even inch.

THICKNESS	MINIMUM SIZE	MAXIMUM SIZE	GLASS SIZE TOLERANCE
1/8"	5" x 11"	34" x 76"	
3/16"	5 X I I	72" x 120"	±1/16"
1/4"	3" x 11"	84" x 130"	
3/8" - 1/2"	5 X I I	04 X 130	±1/8"
Glass over 120" add 75	Glass over 120" add 75% to appropriate square foot price		

EDGE TREATMENT - Tempered glass has seamed edges unless ordered with polished edges. The seamed edge is not a suitable exposed finished edge. 1/2" tempered glass requires satin polished edge.

TEMPERED CERTIFICATION LOGO - Tempered glass is permanently labeled unless ordered "NO LOGO".

DISTORTION – Heat treating adds distortion to glass products. All requirements for distortion, roller wave, consistent furnace orientation or distortion measurement must be disclosed at quotation and order.

STRAIN PATTERN - Tempered glass contains a strain pattern or "Quench Marks" that appear as areas of shadows in a pattern corresponding to the location of air nozzles in the tempering furnace quench section. This condition becomes more visible:

- Under certain lighting conditions, like polarized sunlight
- When the glass is viewed at glancing angles
- With tinted glass, especially when multiple lites are combined in laminated and insulating constructions

The strain pattern is not considered a defect in tempered glass products.

SPONTANEOUS BREAKAGE - Tempered glass is subject to rare spontaneous breakage, where the glass will break for no apparent reason.

INSTALLATION - Monolithic low light transmitting glass (i.e. Midnight Grey, Low-E, 3/8" and 1/2" Bronze and Grey) should be glazed with a consistent tin side/ air side orientation.

CRATING -WSD no longer offers crating as a delivery option.

FABRICATION - All fabrication that penetrates the glass surface (i.e. holes, notches, sand blasting, cutting) must take place prior to tempering.

GLASS QUALITY - All tempered glass shall conform to Consumer Product Safety Commission (CPSC) Standard 16 CFR 1201.

CERTIFICATE OF TEMPERING - Certificate of tempering are available upon request.

CANCELLATIONS - If manufacturing has started on an order and changes or cancellation occurs, the customer will be shipped the raw glass and billed for the same.

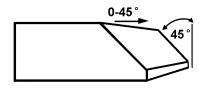
EDGE WORK PROFILES

EDGEWORK INCLUDES HIGH POLISH EXCEPT AS NOTED*



Beveled Edge*Available on 1/8", 1/4", 3/8", 1/2", 3/4" glass thickness

*Satin Edge



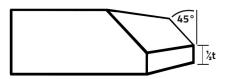
0-45° Miter Edge Available on 1/4", 3/8", 1/2", 3/4" glass

thickness



Double Beveled Edge

Available on 1/4", 3/8", 1/2", 3/4" glass thickness



Chamfer Edge

Available on 3/8", 1/2", 3/4" glass thickness



Dual Beveled Edge

Available on 3/8", 1/2", 3/4" glass thickness



Pencil Polish Edge

Available on 1/4", 3/8", 1/2", 3/4" glass thickness



Flat Polish Edge

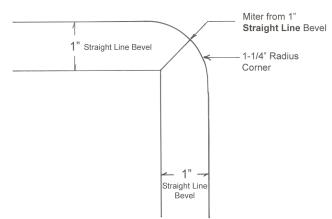
Available on 3/16", 1/4", 3/8", 1/2", 3/4" glass thickness

BEVELED STRAIGHT LINE ILLUS.

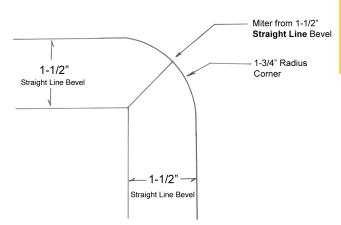
1" straight line bevel with 1-1/4" radius corner to retain

EDGE TREATMENTS

1" bevel at radius corner.

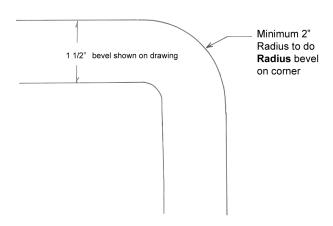


1-1/2" straight line bevel with 1-3/4" radius corner to retain 1-1/2" bevel at radius corner.

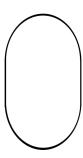


BEVELED RADIUS CORNER ILLUS.

1" or 1-1/2" beveled radius corner - minimum 2" radius on outside corner.

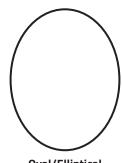


SHAPES



EDGE TREATMENTS

Race Track



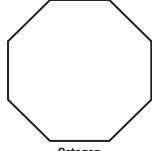
Oval/Elliptical



TEMP. LIMITATIONS

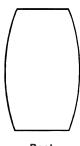


Queen Anne Requires a pattern



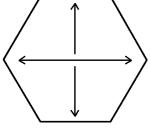
Octagon

Measure flat to flat or requires a pattern



Boat

Requires a pattern



Hexagon

Measure point to point and flat to flat or requires a pattern

FORMULAS FOR CALCULATING INCHES ON SHAPES

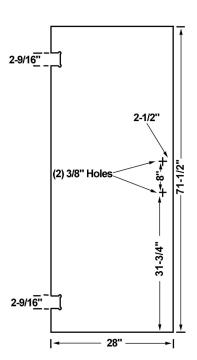
Radius Top	Width x 1.6
Ovals (Ellipticals)	(Length + Width) x 1.7
Circle	Diameter x 3.14
Octagon (8 equal sides)	Width x 3.4
Hexagon (6 equal sides)	Width x 3

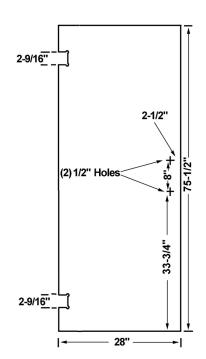
STOCK TEMPERED - DOOR BLANKS

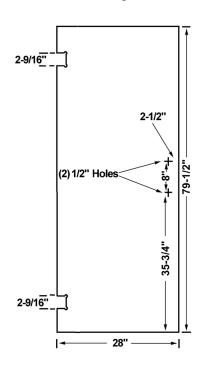
DOOR BLANK SIZE

	28" x 71 1/2"	28" x 75 1/2"	28" 79 1/2"
3/8" Clear Glass Door Blank	143.00	145.00	148.00

Door Blank Features: 3/8" clear glass, polished on all edges, 8" CTC 1/2" holes for handles and 2 notches for hinges







STANDARD DOOR HEIGHTS FOR HEAVY GLASS STANDARD HINGE DOOR BLANKS

		OVERALL HEIGHT	OVERALL HEIGHT WITH A SC-915 CURB
28" x 7	71 1/2"		
	Stand alone	72"	72 7/16"
	SC-646 Header	73 7/8"	74 5/16"
	Horizon Header	73 1/2"	73 15/16"

28" x 7	75 1/2"		
	Stand alone	76″	76 7/16"
	SC-646 Header	77 7/8"	78 5/16"
	Horizon Header	77 1/2"	77 15/16"

28" x 7	79 1/2"		
	Stand alone	80"	80 7/16"
	SC-646 Header	81 7/8"	82 5/16"
	Horizon Header	81 1/2"	81 15/16"

STANDARD DOOR HEIGHTS FOR HEAVY GLASS PIVOT HINGE DOOR BLANKS

		OVERALL HEIGHT	OVERALL HEIGHT WITH A SC-915 CURB
28" x 7	71 1/2"		
	Stand alone	72"	72 7/16"
	SC-646 Header	74"	74 7/16"
	Horizon Header	73 1/2"	73 15/16"

28" x 7	75 1/2"		
	Stand alone	76″	76 7/16"
	SC-646 Header	78"	78 7/16"
	Horizon Header	77 1/2"	77 15/16"

28" x 7	79 1/2"		
	Stand alone	80"	80 7/16"
	SC-646 Header	82"	82 7/16"
	Horizon Header	81 1/2"	81 15/16"

WALL TO GLASS HINGES

DOOR BLANK SIZE

HINGE	FINISH	28" x 71 1/2"	28" x 75 1/2"	28" 79 1/2"
	Chrome	218.00	220.00	223.00
Premier Package"	Brushed Nickel	219.00	221.00	224.00
rackage	Oil Rubbed Bronze (dark)	240.00	242.00	245.00
	Chrome	236.00	238.00	241.00
Symphony Package	Brushed Nickel	236.00	238.00	241.00
- achage	Oil Rubbed Bronze (medium)	255.00	257.00	260.00

Each package will include a door blank (3/8" clear glass, polished on all edges, 8" CTC 1/2" holes for handles and 2 notches for hinges), 2 hinges and an 8" back to back C-Pull. Packages DO NOT include polycarbonate components. PLEASE SPECIFY YOUR CHOICE OF 0° OR 5° PIN ON YOUR ORDER.



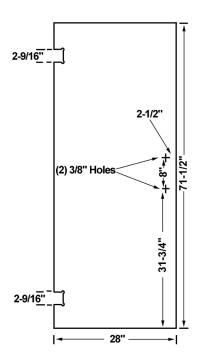
US Horizon Premier HingeWall to Glass hinge with full plate.
Available in 0° or 5° load

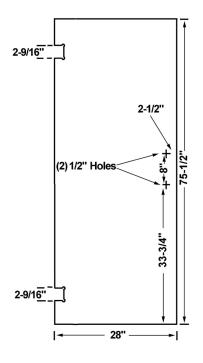


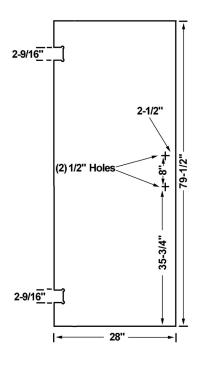
Portals Symphony HingeWall to Glass with full plate.
Available in 0° or 5° load.



8" Back to Back C-Pull







180° GLASS TO GLASS HINGES

DOOR BLANK SIZE

HINGE	FINISH	28" x 71 1/2"	28" x 75 1/2"	28" 79 1/2"
	Chrome	259.00	261.00	264.00
Premier Package"	Brushed Nickel	262.00	264.00	267.00
rachage	Oil Rubbed Bronze (dark)	284.00	286.00	289.00
	Chrome	259.00	261.00	264.00
Symphony Package	Brushed Nickel	259.00	261.00	264.00
- acriage	Oil Rubbed Bronze (medium)	283.00	285.00	288.00

Each package will include a door blank (3/8" clear glass, polished on all edges, 8" CTC 1/2" holes for handles and 2 notches for hinges), 2 hinges and an 8" back to back C-Pull. Packages DO NOT include polycarbonate components. PLEASE SPECIFY YOUR CHOICE OF 0° OR 5° PIN ON YOUR ORDER.



US Horizon Premier Hinge 180° Glass to Glass hinge.

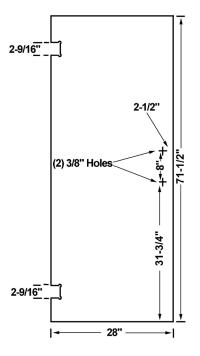
Available in 0° or 5° load

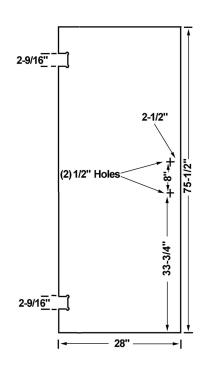


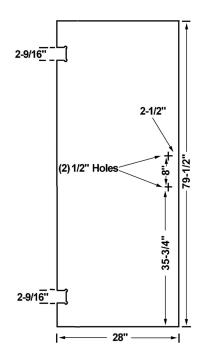
Portals Symphony Hinge 180° Glass to Glass hinge. Available in 0° or 5° load.



8" Back to Back C-Pull







PIVOT HINGES

DOOR BLANK SIZE

HINGE	FINISH	28" x 71 1/2"	28" x 75 1/2"	28" 79 1/2"
	Chrome	246.00	248.00	250.00
Montreal Package	Brushed Nickel	247.00	249.00	251.00
	Oil Rubbed Bronze (dark)	263.00	265.00	267.00

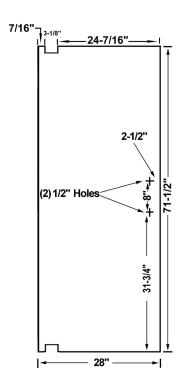
Each package will include a door blank (3/8" clear glass, polished on all edges, 8" CTC 1/2" holes for handles and 2 notches for hinges), 2 pivot hinges and an 8" back to back C-Pull. Packages DO NOT include polycarbonate components. PLEASE SPECIFY YOUR CHOICE OF 0° OR 5° PIN ON YOUR ORDER.

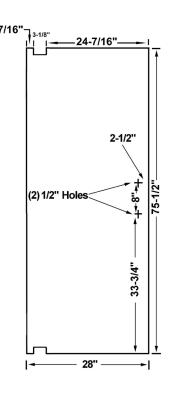


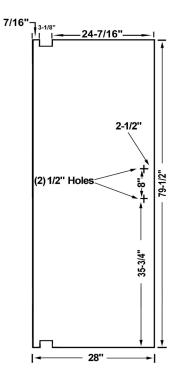


US Horizon Montreal Hinge Beveled pivot hinge, ceiling or curb mount.

8" Back to Back C-Pull







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RAMELES:

STANDARD SIZE MIRRORS

NON-STOCK ITEMS STANDARD FABRICATION & DELIVERY TIMES APPLY

	POLISHED		POLISHED 1/2" BEVEL			1" BEVEL					
STANDARD		VOLUME P	OLUME PRICING			VOLUME F	PRICING			VOLUME P	RICING
SIZES	1-24	25-49	50+		1-24	25-49	50+		1-24	25-49	50+
24" x 30"	22.05	21.13	19.96		23.99	23.00	21.75		28.08	26.97	25.54
24" x 36"	25.97	24.89	23.52		28.10	26.95	25.48		32.61	31.31	29.65
30" x 36"	31.56	30.25	28.57		34.07	32.67	30.88		39.21	37.63	35.61
36" x 36"	37.39	35.83	33.83		40.25	38.58	36.44		45.83	43.97	41.59
42" x 36"	43.01	41.21	38.92		46.10	44.18	41.73		52.08	49.96	47.26
48" x 36"	48.64	46.60	44.00		51.94	49.78	47.03		58.32	55.96	52.93
54" x 36"	54.26	51.99	49.09		57.79	55.38	52.32		64.57	61.95	58.60
60" x 36"	59.88	57.38	54.18		63.63	60.99	57.61		70.82	67.94	64.27
66" x 36"	65.51	62.76	59.27		69.48	66.59	62.90		77.06	73.94	69.94
72" x 36"	71.13	68.15	64.35		75.32	72.19	68.19		83.31	79.93	75.60
24" x 40"	28.59	27.40	25.88		30.85	29.58	27.97		35.63	34.21	32.40
30" x 40"	34.73	33.29	31.44		37.38	35.84	33.88		42.80	41.08	38.88
36" x 40"	41.14	39.42	37.22		44.15	42.31	39.97		49.99	47.97	45.37
42" x 40"	47.95	45.92	43.33		50.88	48.75	46.03		57.14	54.81	51.83
48" x 40"	54.21	51.91	48.99		57.32	54.92	51.86		63.97	61.36	58.02
54" x 40"	60.48	57.91	54.65		63.76	61.09	57.69		70.80	67.91	64.22
60" x 40"	66.74	63.91	60.31		70.20	67.26	63.52		77.63	74.46	70.41
66" x 40"	73.00	69.91	65.97		76.64	73.43	69.34		84.46	81.01	76.61
72" x 40"	79.26	75.90	71.62		83.08	79.61	75.17		91.29	87.56	82.80
24" x 42"	29.90	28.66	27.07		32.22	30.90	29.21		37.14	35.66	33.77
30" x 42"	36.32	34.81	32.88		39.04	37.43	35.38		44.60	42.80	40.51
42" x 42"	50.13	48.01	45.30		53.12	50.90	48.06		59.51	57.08	53.98
48" x 42"	56.87	54.45	51.37		59.84	57.33	54.14		66.61	63.89	60.42
54" x 42"	63.43	60.74	57.30		66.56	63.77	60.22		73.71	70.70	66.86
60" x 42"	70.00	67.02	63.23		73.28	70.21	66.30		80.81	77.51	73.30
66" x 42"	76.57	73.31	69.17		80.00	76.65	72.38		87.92	84.33	79.74
72" x 42"	83.13	79.60	75.10		86.72	83.09	78.46		95.02	91.14	86.18

Standard Size Mirrors Tolerance - ±1/8"

Boxing charge for Standard Size Mirrors & Door Mirrors: Up to 42" - \$6.65 // For 48" up to 72" - \$9.10

MELESS

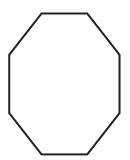
DOOR MIRRORS

NON-STOCK ITEMS STANDARD FABRICATION & DELIVERY TIMES APPLY

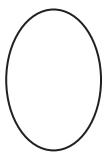
		FLAT POLISH	1/2" BEVEL
16" x 68"	1/4" Clear Mirror	32.09	35.01
18" x 68"	1/4" Clear Mirror	35.28	38.23
20" x 68"	1/4" Clear Mirror	38.47	41.46
22" x 68"	1/4" Clear Mirror	41.67	44.68
24" x 68"	1/4" Clear Mirror	44.86	47.90

Boxing charge for Standard Size Mirrors & Door Mirrors: Up to 42" - \$6.65 // For 48" up to 72" - \$9.10

IMPORTED FRAMELESS SHAPES*







OVAL		1. BEAFT
21" x 31"	3/16" Clear Mirror	48.57
24" x 37"	3/16" Clear Mirror	58.21

Imported Frameless Shapes include backer with individual carton

*Imported Frameless Shapes are sold "as-is". These are not custom mirrors and are not held to normal industry specifications.

I.G. UNIT FABRICATION

MUNTIN OPTIONS

PRIC	E PER SQUARE FOOT	Г				
					V – E Advantage)	LOW-E (7036 ClimaGuard)
GLASS		ANNEALED	TEMPERED	ANNEALED	TEMPERED	ANNEALED
SS	Clear	5.38				7.83
DS	Clear	5.38	8.11	7.66	10.77	7.83
3/16"	Clear	6.27	8.37	8.95	11.05	9.36
1/4"	Clear	6.62	8.39			
DS	Bronze/Grey	7.16	10.37	8.93	12.32	9.10
3/16"	Bronze/Grey	7.87	11.06	10.49	12.79	10.90
1/4"	Bronze/Grey	8.17	11.40			
1/8"	Pattern #62	7.92	9.67			
3/16"	Aquatex	9.51	11.51			
1/4"	.030 Clear Laminated	16.25				
			_			
DS	Clear Patio 34" x 76"		82.29		103.74	
5/32"	Clear Patio 46" x 76"		118.44		162.91	

SPE	CIAL SHAPES AND COMBINATIONS
Archtops	add 60%
Octagons	add 70%
Rectangle Grids (flat muntins avail in 5/8" & 3/4")	add \$3.00 per divided lite (available in green, bronze, champagne, beige, tan, white)
Contour Grids (see page 25)	add \$3.00 per divided lite (available in tan and white)
Trapezoids & Triangles	add 30%
Triple Glazed	add 65%
Argon for annealed and tempered units	add \$0.28 per sq. ft.; minimum order of \$2.80

Maximum area for thickness of glass:

DS (1/8") glass – 16 square feet // 3/16" glass – 35 square feet // 1/4" glass – 42 square feet // Tempered Glass required after 42 square feet

Units over 50 square feet are subject to special pricing.

There is no warranty on units over 50 square feet.

Odd or fractional dimensions will be billed at next even inch.

If manufacturing has been started on an order, and changes or cancellation occur, the customer will be shipped the raw glass and billed for the same.

All prices based on three (3) square foot minimum per unit.

INSULATED GLASS ORDER REQUESTS - SEND TO:

- igorders@wisconsinshowerdoor.com
- Fax to: 888.329.5196

Wisconsin Shower Door I.G. Unit Fabrication 5803 Packer Drive Wausau, WI 54401

P: 888.329.5194 F: 888.329.5196

CONTOUR MUNTIN – IN-LINE CLIP

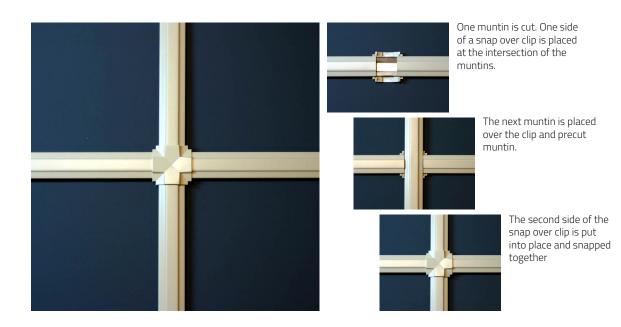




The muntins slide onto the in-line muntin clip.

CONTOUR MUNTIN - SNAP OVER CLIP





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I.G. DOOR UNITS

MUNTIN OPTIONS

INSULATED GLASS DOOF COMMERCIAL	
TUBELITE DOORLITES	
30 9/16" x 76 1/16" x 1" OA	71.68
KAWNEER DOORLITES	
31 3/16" x 76 11/16" x 1" OA	71.68

FOAMTITE STORM WINDOWS

FOAMTITE I		STORM IDOWS
	GLASS	
UNITED INCHES	SS	DS
0-40	46.83	
41-50	53.43	
51-60	60.21	
61-70	67.14	
71-80	74.24	
81-90	81.50	
91-100		92.36
101-110		100.49
111-120		108.84



Helps reduce condensation.

Effective against damaging moisture on wood areas with finishes applied.

Replaces applying plastic on windows annually.

Fits in area used by window screen (operating windows).

Can be used with stationary units and other types of windows.

One (1) lift handle (black only) applied for easy handling.

Available in six colors:

Bronze

Driftwood

White

Mocha Green

Linen

With black Foamtite weatherstripping.

Extruded aluminum frame.

Foamtite parts can be found on page 26.

WARRANTY

I.G. UNIT LIMITED WARRANTY

For a period of ten (10) years from the date of purchase, Wisconsin Shower Door warranty is as follows: will not develop material obstruction of vision (on internal glass surfaces) as a result of dust or film formation caused by failure of hermetic seal. Glass is not warrantied against breakage.

Precondition of this warranty is that all insulating glass units be installed in accordance to FGMA glazing manual standards and practices. Furthermore, all units must be installed in such manner as to completely repel water for the entire period of the warranty by use of approved sealants only.

This warranty does not apply to insulating glass units used in vehicles, commercial refrigeration, marine, swimming pool enclosures, greenhouses, airports, sloped applications, and skylights. This warranty also does not apply to units manufactured with SuperSpacer. We assume no responsibility for any damage due to thermal breakage or improper use or handling.

This warranty is made to our immediate customer only and all liability shall be limited to replacement of failed unit or refund of the original purchase price. No employee, dealer or agent for Wisconsin Shower Door is authorized to add or modify this warranty.

This warranty is the only warranty made, and it is made expressly in lieu of all other warranties and under no circumstances whatsoever shall we be liable in any way for incidental or consequential damages of any kind with regard to our product.

I.G. UNIT PERFORMANCE CHART

I.G. UNIT GLASS TYPE	% OF VISIBLE LIGHT TRANSMITTANCE	SOLAR HEAT GAIN COEFFICIENT	FADING TRANSMISSION	WINTER U-VALUE AIR / ARGON
Clear/Clear	81	.76	.59	.49 / .47
Clear/Pilkington Energy Advantage (Low E)	77	.75	.49	.33 / .28
Clear/Guardian 7036 ClimaGuard (Low E)	71	.38	.33	.29 / .24

VISIBLE LIGHT TRANSMITTANCE – The percentage of visible light (390 to 700 nanometers) within the solar spectrum that is transmitted through the glass.

SOLAR HEAT GAIN COEFFICIENT – The amount of solar radiation that enters the building as heat. The lower the number, the better the glazing is at preventing solar gain.

FADING TRANSMISSION – The portion of energy transmitted in a special region from 300 to 600 nanometers. This region includes all of the ultraviolet energy and part of the visible spectrum, and will give the best representation of relative fading rates. The lower the number, the better the glass is for reducing fading potential of interior furnishings.

U-VALUE – This represents the heat flow rate through a window expressed in BTU/HR/TR2/°F, using winter weather conditions of 0°F outside and 70°F inside. The lower the number, the better the window system is at reducing heat loss.

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Shoe	.28 .28 .bly .28
т	
Top Guide Tri-Vue Mirror Frame	
W	
Wardrobe Door	

SATIN

MATTE

BLACK

30.03

30.03

NICKEL

18.79

18.79

FGP - 07/2021

BRONZE

24.15

24.15

BRUSHED OIL RUBBED

ANDSCO	T METALS		
PROFILE	PART	SIZE/ QTY	SILVER
1316	ACI-15 – Deep "J" Molding	12'	19.04
11/32	ACI-21 – Shallow "J" Molding	12'	19.04
1 S/16 F	ACI-26 – L-Bar	12'	16.22
3/3 - 3/32	ACI-51 – Little Lip	12′	14.18
11/16	ACI-29 – Face Strip	12′	8.66
13/32	ACI-30 – End Cap Subject to availability	12′	14.07

FOAMTI	TE PARTS & ACCESSORIES		
PROFILE	PART	SIZE/ QTY	PRICE
	El6E7188 – Plain Glass Ex	17′	26.13
	EI6C223 – Locking Corner	Each	0.93
	EI6JBL2T – Black 2-Track Glazing Spline	Foot	0.30
	EIJFOAMTITE – Foamtite Offset T-Slot Seal	Foot	0.91
	EI6CLIFTHANDLE – Foamtite Lift Handle	Each	1.48

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CLEAR I	MIRROR COVER PLATES		
IMAGE	PART	SIZE/ QTY	PRICE
3-1/2"	GMP 2C – Single Outlet	each	12.61
3-1/2"	GMP 3C – Single Switch	each	9.82
5-1/4"	GMP 6C – Double Outlet	each	18.40
5-1/4"	GMP 7C – Outlet / Switch	each	15.03
5-1/4"	GMP 8C – Double Switch	each	10.66
7-1/4"	GMP 9C – Triple Switch	each	14.88
7-1/4"	GMP 10C – Outlet / Double Switch	each	17.90
5-12°	GMP 11C – Quad Switch	each	18.94
3-1/2"	GMP 12C – Single G.F.I. / Decora	each	13.72
5-1/4"	GMP 13C – Double G.F.I. / Decora	each	20.13
5-1/4"	GMP 14C – Single G.F.I. / Switch	each	18.85
7-1/4"	GMP 15C – Single G.F.I. / Double Switch	each	26.04
7-1/4"	GMP 16C – Triple G.F.I. / Decora	each	25.90
8-1-2" 	GMP 17C – Quad G.F.I. / Decora	each	44.93
Ţ3	GMP 18C – Single G.F.I. / Outlet	each	20.13

IRROR COVER PLATES		
PART	SIZE/ QTY	PRICE
GMP 104C – Dimmer Switch	each	26.73
GMP 305C – Double G.F.I. / Switch	each	32.25
	PART GMP 104C – Dimmer Switch GMP 305C – Double G.F.I. /	PART SIZE/ QTY GMP 104C – Dimmer Switch each GMP 305C – Double G.F.I. /

FGP	_	07/2021

SILICON	E PRODUCTS		
IMAGE	PART	SIZE/ QTY	PRICE EA
SIKASIL GP – General Purpose Acetoxy Cure Silicone		tube	4.87
	432063 – Clear		104.35
À	SIKASIL-N PLUS US – Neutral Cure Silicone	tube 6.7	6.70
	432053 – Clear		143.67
DOW CORNING®	DOM COUNTS 180 2010 OHE	QTY PRICE E tube 4.8 case (24) 104.3 tube 6.7 case (24) 143.6 tube 7.7	7.78
786 mildew resistant silicone sealant	Translucent White	case (12)	83.40

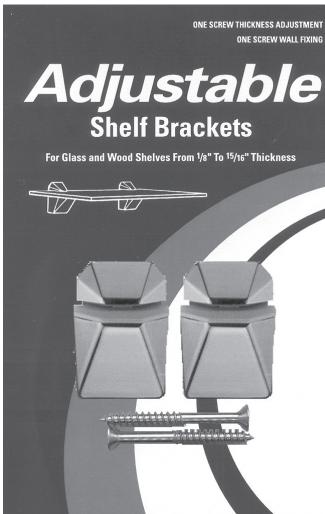
SUNDR	RIES			SUNDR	IES		
IMAGE	PART	SIZE/ QTY	PRICE	IMAGE	PART	SIZE/ QTY	PRICE
Adjustable but builts	Adjustable Shelf Brackets				Butyl Glazing Tape 1/16" x 1/2"	roll	3.12
	Brass	pair	4.40	- J	x 45"	case (28)	83.57
Adjustable indicate	Adjustable Shelf Brackets	pair	2.69	0	Butyl Glazing Tape 1/8" x 1/2" x	roll	3.22
	Black or White	рап	2.09		30"	case (28)	86.24
Manager Parketon	Gunther Ultra/Bond Mirror Mastic 300ml tube	each	4.76	6 8	Hang-It™	each	6.79
Ô	Mirror Tape – 1/32" x 1/2" x 216'	roll	12.00	PUREX	Purex Glass Cleaner 5 gallon box	each	46.79
	M: T 4/45" 4/2" 400	wall	7.04	Purex Glass Cleaner	Purex Glass Cleaner	each	11.15
Ş	Mirror Tape – 1/16" x 1/2" x 108'	roll	7.01		32 oz. bottle	case (12)	119.52
Ô	Mirror Tape – 1/8" x 1/2" x 75'	roll	8.28	-	OXO All Purpose Squeegee	each	5.75
SHOWER _	Shower Wipers	each	3.88	1	ClearShield AfterCare		
	10" wiper w/self adhesive hook	box (6)	20.80	COMMITTEE OF THE PARTY OF THE P	500ml bottle	each	13.96
Ø.ESP	Bruce's Glass Stain Remover	each	7.28		ClearShield Limescale Remover	each	16.78
WASTER WASTER	10 oz. container	case (6)	39.00	APER AND STATE OF THE STATE OF	500ml bottle	edcii	10.76
SHIPLID	Invisible Shield	each	10.81				
	16 oz. bottle	case (12)	115.84				

SUNDRIES

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- 5	

STYLMARK			
SITLIVIA	ırn	SIZE/	
PROFILE	PART	QTY	PRICE
9416"	Single Channel – 9/16" - 110022 Silver Brushed Nickel	12'	23.90
13/16"	Single Channel – 13/16" - 110023 Silver Brushed Nickel	12'	30.06
- 1 3/16" - T	Double Channel – 9/16" - 110007 Satin Silver Satin Bronze Satin Gold	12'	29.90
1 3/16*	Double Track - 110019 Satin Silver Satin Bronze Satin Gold	12'	20.75
1"	Shoe - 110012 Satin Silver Satin Bronze Satin Gold	12'	32.52
1 3/16"	Deep Shoe - 110067 Satin Silver Satin Bronze Satin Gold	12'	35.31
0	Wheel Assembly - 510001	each	1.30
	Heavy Duty Wheel Assembly - 510041	each	1.42
	Top Guide - 419007	each	0.22
	Glazing Vinyl – 1/4" - 119004 Black	per foot	0.31
		250' roll	67.16
	Door Pull Assembly – Standard - 510016 <i>Satin Silver</i> <i>Black</i>	each	5.48
	Lock Assembly – Chrome - 510040 Brite Silver	each	33.27
	Wardrobe Door - 630017 Standard & Custom Sizes	each	Quote
	Tri-Vue Mirror Frame - 620033 Standard & Custom Sizes	each	Quote

ADJUSTABLE SHELF BRACKETS

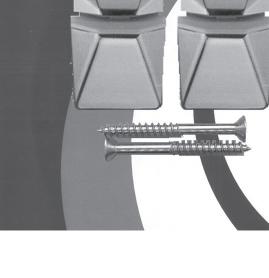


Adjustable **Shelf Brackets**

- For shelves up to 10" deep.
- Use in home, office and workshop.
- Ideal applications: telephone - speakers - bathroom - kitchen - etc...

INSTALLATION INSTRUCTIONS

- Loosen adjusting screw (A) to expose wall fixing hole.
- 2. Mark position on wall and level to other shelf grip, no further than 16" apart.
- 3. Whenever possible, anchor screws into wall stud.
- 4. For stud mounting, drill hole using 1/8" bit, to the depth of the screw and screw in firmly.
- 5. If using a wall anchor is necessary, be sure to select proper anchor for wall material.
- 6. Fit plastic cap (B).
- 7. Be sure that foam cushion (C) is in place for glass shelf application.
- 8. Fit shelf ensuring that it is fully positioned to the back of the shelf grip.
- 9. Tighten adjusting screw (A) to grip shelf firmly. (The quality and thickness of the shelf, the number of shelf grips and the type of wall will affect the loading capacity.)



ENDUROSHIELD



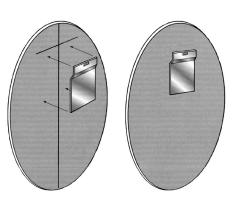
Hang-It™ has been designed to be used with all types of mirrors. It's high strength adhesive backing adheres to all mirror paint backings that meet industry standards. Hang-It™ saves time and labor when installing decorator mirrors. Simply peel off the protective paper on the back of the metal hanger, align the saw tooth slot of the metal hanger with centering lines you have established on the mirror, and press in place. Hang your new mirror on the wall making sure the saw tooth slot is positioned where you want the mirror to be hung.

INSTALLATION INSTRUCTIONS

- Clean any contaminates from the back of the mirror, using a mixture of alcohol and water or denatured alcohol.
- 2. Locate the center of the mirror and draw a vertical line from the top to the bottom.
- 3. Measure down 3" to 6" from the top of the mirror and make a mark on the centering line. This marks the location fro the top of the hanger.
- Locate the center of the hanger. Mark with a line. (The saw tooth slot is centered at the top of the hanger.)
- Peel the adhesive protective paper from the back of the hanger. Align the centering marks on the mirror and hanger. Press in place, making sure the Hang-It™ bracket is making full contact with the back of the mirror.

PRECAUTIONS

- Make sure mirror and Hang-It™ are applied at or above 60° room temperature when assembled.
- After installing Hang-It™ on the mirror, wait at least 2 hours before hanging the mirror. The adhesive gains strength in time and fully cures in 7 days.
- Hang-It™ will support decorator mirrors weighting up to 40 lbs.
- Always use gloves when handling mirrors, to protect yourself and avoid damaging the mirror.



ROBAX® GLASS

ROBAX® glass-ceramic has a thermal endurance far exceeding that of normal tempered glass. Tempered glass is generally limited to applications that do not exceed 500° F. However, ROBAX® is designed to operate at temperatures ranging from minus 400° F to plus 1400° F. Because of its special composition and processing, this unique material can withstand a quench into ice water from red hot temperatures.

With ROBAX® glass-ceramic windows in your stove or fireplace, you can enjoy the fire view with the assurance that the window has been designed with a superior margin of safety for your home and your family.

- This material is actually a transparent glass-ceramic manufactured by Schott Glaswerkes.
- Unlike tempered glass, 1400° glass-ceramic is unstressed.
- Easily cut and sanded even drilled.
- Will not shatter (like tempered glass).
- Fire to ice without breaking.
- Good strength.

This is an excellent replacement in most applications for any of the following glasses: PYREX®, BOROFLOAT®, TEMPAX®, VYCOR®, PYROCERAM®, AND NEOCERAM®.

Typical applications include: wood stove, pellet stove and coal stove windows; wood and gas fireplace doors; oven door windows; high intensity light covers; furnace observation windows; barbecue grill windows; spark and flame guard panels.



In the photo above, a cutting torch was placed below the ROBAX® and heated until it was red-hot. Cold water was then poured onto the glass from above. There was NO Breakage.

ENDUROSHIELD

HANG IT™









Save time and money with EnduroShield®, the revolutionary, non-stick treatment that is ideal for shower glass. EnduroShield glass treatment makes cleaning shower glass easy and repels soap scum, grime and dirt. EnduroShield reduces your cleaning time by up to 90%.

ENDUROSHIELD

Untreated glass is porous and as a result absorbs mineral deposits and soap scum, making it more and more difficult to clean overtime. Shower glass is subject to mineral deposits from water, shampoo, soaps, body fats, and harsh scrubbing using toxic cleaners, causing the glass to discolor and develop irremovable staining. EnduroShield is an ultra-thin transparent glass coating that completely adheres to the surface and provides protection that will repel both water and oil based stains. Similar to a non-stick fry pan, cleaning is made easier using a mild detergent or white vinegar with a damp microfiber cloth. No longer is scrubbing with harsh toxic cleaners needed.

WARRANTY

Extensive testing has proven EnduroShield to last beyond 10 years, enabling a genuine 10-year limited warranty* on all new glass surfaces.

CARE & MAINTENANCE

For best results simply drying the glass with a squeegee or towel after each use will help keep the glass clean and reduce mineral spots forming. The glass needs to be cleaned every few weeks using a damp microfiber cloth and a mild detergent to break down soaps, oils, and conditioners on the glass.

The below products have been tested for compatibility with EnduroShield.

- Lysol 4 in 1 Bathroom Cleaner
- Fantastik Orange Action
- Green Works Natural Glass & Surface Cleaner (by Clorox)
- Mr. Clean Magic Eraser (when damp)

A thorough rinse with clean water should follow immediately after use of any cleaner.

CAUTION: Prohibited Products

Be careful not to use any rough, gritty, abrasive, highly acidic or alkaline cleaners as they may damage the protective coating. This includes products such as Comet (powder), Ajax, or cerium oxide which damage or polish back the actual substrate.

For warranty registration, additional information, and full care instructions visit www.enduroshield.com.



Proud of our past; focused on our future.

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