

Architectural & Picture Windows

THE 300 SERIES

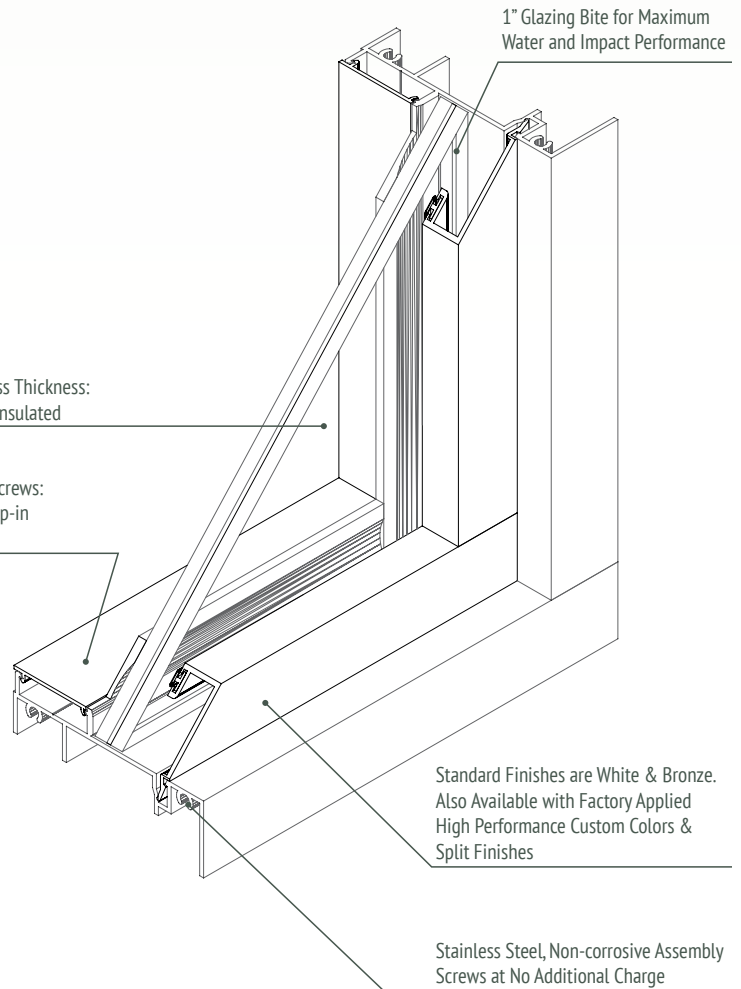


Largest Product Approved Picture & Architectural Window in the Industry



Large Missile Impact Glass Thickness:
5/16", 7/16", 9/16" & 1" Insulated

Concealed Installation Screws:
Extruded Aluminum, Snap-in
Screw Cover



Standard Finishes are White & Bronze.
Also Available with Factory Applied
High Performance Custom Colors &
Split Finishes

Stainless Steel, Non-corrosive Assembly
Screws at No Additional Charge



601 NW 12th Ave
Pompano Beach, FL 33069-2011
954-781-4430 • 888-728-7707
www.floridasbestwindow.com



FOR SQUARE OR RECTANGLE OPTIONS - OTHER SHAPES ARE LIMITED TO ±70 Psf

		DESIGN LOAD CAPACITY (ASD METHOD)															
FRAME HEIGHT	FRAME WIDTH	GLASS TYPE M1		GLASS TYPE M2		GLASS TYPE M3		GLASS TYPE M4		GLASS TYPE M5		GLASS TYPE M6		GLASS TYPE IG1		GLASS TYPE IG2	
		(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
36"	24"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	30"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	36"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	42"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	48"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	54"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	60"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	66"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	72"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
74"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80	
48"	24"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	30"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	36"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	42"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	48"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	54"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	60"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	66"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	72"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
74"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80	
60"	24"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	30"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	36"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	42"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	48"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	54"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	60"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	66"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	72"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
74"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-	
74"	24"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	30"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	36"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	42"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	48"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	54"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	60"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	66"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	72"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
74"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-	
77 1/8"	24"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	30"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	36"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	42"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	48"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	54"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	60"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	66"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	72"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
74"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-	
84"	24"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	30"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	36"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	42"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	48"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	54"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	60"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	66"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	72"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
74"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-	

FOR SQUARE OR RECTANGLE OPTIONS - OTHER SHAPES ARE LIMITED TO ±70 Psf

FRAME HEIGHT	FRAME WIDTH	DESIGN LOAD CAPACITY (ASD METHOD)															
		GLASS TYPE M1		GLASS TYPE M2		GLASS TYPE M3		GLASS TYPE M4		GLASS TYPE M5		GLASS TYPE M6		GLASS TYPE IG1		GLASS TYPE IG2	
		(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.	(+) P.S.F.	(-) P.S.F.
93"	24"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	30"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	36"	70	70	70	70	80	80	80	80	80	80	80	130	70	70	80	80
	42"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	48"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	54"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	60"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	66"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	72"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
74"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-	
96"	24"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	30"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	36"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	42"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	48"	-	-	70	70	80	80	80	80	80	80	80	130	-	-	80	80
	54"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	60"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	66"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	72"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
74"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-	
108"	24"	-	-	-	-	-	-	80	80	80	80	80	130	-	-	-	-
	30"	-	-	-	-	-	-	80	80	80	80	80	130	-	-	-	-
	36"	-	-	-	-	-	-	80	80	80	80	80	130	-	-	-	-
	42"	-	-	-	-	-	-	80	80	80	80	80	130	-	-	-	-
	48"	-	-	-	-	-	-	80	80	80	80	80	130	-	-	-	-
	54"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	60"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	66"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	72"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
74"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-	
120"	24"	-	-	-	-	-	-	80	80	80	80	80	130	-	-	-	-
	30"	-	-	-	-	-	-	80	80	80	80	80	130	-	-	-	-
	36"	-	-	-	-	-	-	80	80	80	80	80	130	-	-	-	-
	42"	-	-	-	-	-	-	80	80	80	80	80	130	-	-	-	-
	48"	-	-	-	-	-	-	80	80	80	80	80	130	-	-	-	-
	54"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	60"	-	-	-	-	-	-	80	80	80	80	-	-	-	-	-	-
	66"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	72"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
74"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-	
122"	24"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	30"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	36"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	42"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	48"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	54"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	60"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	66"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
	72"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-
74"	-	-	-	-	-	-	70	70	70	70	-	-	-	-	-	-	

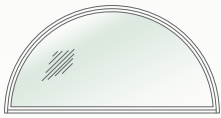
Impact Glass Types

- M1 = 5/16" Thick Annealed PVB Interlayer
- M2 = 7/16" Thick Annealed PVB Interlayer
- M3 = 9/16" Thick Heat Strengthen PVB Interlayer
- M4 = 7/16" Thick Heat Strengthen SGP Interlayer

- M5 = 9/16" Thick Heat Strengthen SGP Interlayer
- M6 = 9/16" Thick Tempered SGP Interlayer
- IG1 = 1" Thick Insulated Annealed PVB Interlayer
- IG2 = 1" Thick Insulated Heat Strengthen SGP Interlayer

POSSIBLE ARCHITECTURAL SHAPES: NO SHAPE MAY EXCEED SIZE OF TESTED RECTANGLE TRANSCRIBED AROUND SHAPE.

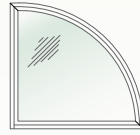
FULL RADIUS



HALF-CIRCLE



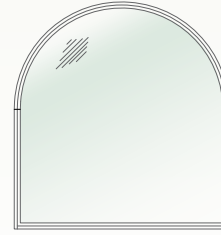
HALF ARCH



QUARTER CIRCLE

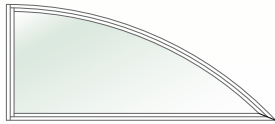


FULL CIRCLE



ARCH

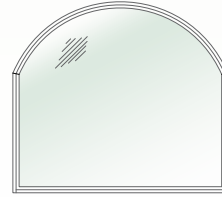
SEGMENT OF A RADIUS



HALF FAN



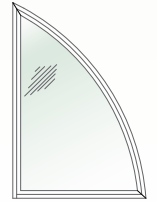
FAN



EYEBROW

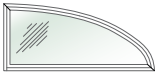


HALF EYEBROW

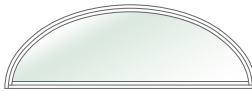


QUARTER
SEGMENT

COMPOUND RADIUS



HALF ELLIPTICAL



ELLIPTICAL

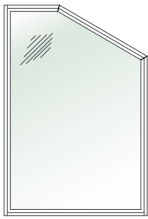


HOTDOG

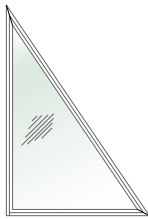


EXTENDED FULL
ELLIPSE

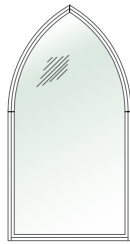
OTHER ARCHITECTURAL SHAPES



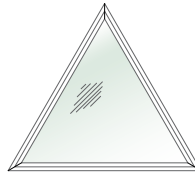
5-SIDED
TRAPEDZOID



LEFT OR RIGHT
TRIANGLE



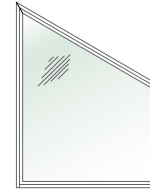
GOthic



EQUAL LEG
TRIANGLE



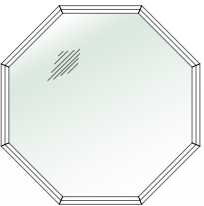
PENTAGON



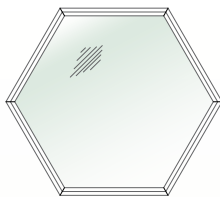
TRAPEZOID



OVAL



OCTAGON



HEXAGON

ALLOWABLE SIZES & LOADS MAY BE DETERMINED BY INSCRIBING ARCHITECTURAL SHAPES IN SQUARES OR RECTANGLES THAT DO NOT EXCEED SIZES ON PAGES 2 & 3.

ARCHITECTURAL SHAPES ARE LIMITED TO ±70 Psf. MAX.