



450

ESTATE ENTRANCES BY WINDOW

Industry-leading entry door system available in configurations up to 12'x10' (with matching sidelites), standard stainless-steel package, patented 3-point lock and a variety of design options.

ENERGY VALUES (NFRC Approved)

450 SWING DOOR	U-FACTOR	SHGC	VT
7/16" Laminated Gray	1.01	0.33	0.25
7/16" Laminated Clear	1.01	0.42	0.45
7/16" Laminated Clear LoE 366	1.05	0.23	0.31
1" Insulated Laminated Clear LoE 366	0.72	0.18	0.32
1" Insulated Laminated Clear LoE 270	0.73	0.23	0.34

For turtle code, please refer to center of glass values.

SWING DOOR SIZES (In inches.)

CODE SIZE	DOOR TYPE	6' 8" HIGH UNITS	8' HIGH UNITS	9' HIGH UNITS	10' HIGH UNITS
2068 / 2080 / 2090 / 20100	single	26 9/16 x 80 3/4	26 9/16 x 96 3/4	26 9/16 x 108 3/4	26 9/16 x 120 3/4
2668 / 2680 / 2690 / 26100	single	32 9/16 x 80 3/4	32 9/16 x 96 3/4	32 9/16 x 108 3/4	32 9/16 x 120 3/4
2868 / 2880 / 2890 / 28100	single	34 9/16 x 80 3/4	34 9/16 x 96 3/4	34 9/16 x 108 3/4	34 9/16 x 120 3/4
3068 / 3080 / 3090 / 30100	single	38 9/16 x 80 3/4	38 9/16 x 96 3/4	38 9/16 x 108 3/4	38 9/16 x 120 3/4
4068 / 4080 / 4090 / 40100	pair	50 1/2 x 80 3/4	50 1/2 x 96 3/4	50 1/2 x 108 3/4	50 1/2 x 120 3/4
5068 / 5080 / 5090 / 50100	pair	62 1/2 x 80 3/4	62 1/2 x 96 3/4	62 1/2 x 108 3/4	62 1/2 x 120 3/4
5468 / 5480 / 5490 / 54100	pair	66 1/2 x 80 3/4	66 1/2 x 96 3/4	66 1/2 x 108 3/4	66 1/2 x 120 3/4
6068 / 6080 / 6090 / 60100	pair	74 1/2 x 80 3/4	74 1/2 x 96 3/4	74 1/2 x 108 3/4	74 1/2 x 120 3/4

Also available in wide configurations: 44 9/16 x 80 3/4, 44 9/16 x 96 3/4, 44 9/16 x 102 3/4, 86 1/2 x 80 3/4, 86 1/2 x 96 3/4, 86 1/2 x 102 3/4

SELF-MATING SIDELITE SIZES (In inches. Has one full jamb and one jamb adapter, designed to mate with doors or a free-standing sidelite.)

CODE SIZE	NOTE	6' 8" HIGH UNITS	8' HIGH UNITS	9' HIGH UNITS	10' HIGH UNITS
1068 / 1080 / 1090 / 10100	1 3/4 stiles	13 1/4 x 80 3/4	13 1/4 x 96 3/4	13 1/4 x 108 3/4	13 1/4 x 120 3/4
1668 / 1680 / 1690 / 16100	1 3/4 stiles	19 1/4 x 80 3/4	19 1/4 x 96 3/4	19 1/4 x 108 3/4	19 1/4 x 120 3/4
2068 / 2080 / 2090 / 20100	5 1/2 stiles	25 1/4 x 80 3/4	25 1/4 x 96 3/4	25 1/4 x 108 3/4	25 1/4 x 120 3/4
2668 / 2680 / 2690 / 26100	5 1/2 stiles	31 1/4 x 80 3/4	31 1/4 x 96 3/4	31 1/4 x 108 3/4	31 1/4 x 120 3/4
2868 / 2880 / 2890 / 28100	5 1/2 stiles	33 1/4 x 80 3/4	33 1/4 x 96 3/4	33 1/4 x 108 3/4	33 1/4 x 120 3/4
3068 / 3080 / 3090 / 30100	5 1/2 stiles	37 1/4 x 80 3/4	37 1/4 x 96 3/4	37 1/4 x 108 3/4	37 1/4 x 120 3/4

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1068 / 1080 / 1090 / 10100	1 3/4 stiles	14 3/8 x 80 3/4	14 3/8 x 96 3/4	14 3/8 x 108 3/4	14 3/8 x 120 3/4
1668 / 1680 / 1690 / 16100	1 3/4 stiles	20 3/8 x 80 3/4	20 3/8 x 96 3/4	20 3/8 x 108 3/4	20 3/8 x 120 3/4
2068 / 2080 / 2090 / 20100	5 1/2 stiles	26 3/8 x 80 3/4	26 3/8 x 96 3/4	26 3/8 x 108 3/4	26 3/8 x 120 3/4
2668 / 2680 / 2690 / 26100	5 1/2 stiles	32 3/8 x 80 3/4	32 3/8 x 96 3/4	32 3/8 x 108 3/4	32 3/8 x 120 3/4
2868 / 2880 / 2890 / 28100	5 1/2 stiles	34 3/8 x 80 3/4	34 3/8 x 96 3/4	34 3/8 x 108 3/4	34 3/8 x 120 3/4
3068 / 3080 / 3090 / 30100	5 1/2 stiles	38 3/8 x 80 3/4	38 3/8 x 96 3/4	38 3/8 x 108 3/4	38 3/8 x 120 3/4

PERFORMANCE RESULTS

Maximum Water Resistance	Out-Swing Sill	15 PSF
	In-Swing Sill	7.5 PSF
	Saddle Thresholds	Not Rated For Water
Large-Missile Laminated Glass	3090 Door Panel (Ann/Ann Glass)	+100 /-110 PSF
	3686 Door Panel (Ann/Ann Glass)	+70 /-70 PSF
	30100 Door Panel (Ann/Ann Glass)	+70 /-70 PSF
Large-Missile Insulated Laminated Glass	3090 Door Panel (Temp-Air-Ann/Ann Glass)*	+70 /-70 PSF
	3686 Door Panel (Temp-Air-Ann/Ann Glass)*	+70 /-70 PSF
	30100 Door Panel (Temp-Air-Ann/Ann Glass)*	+70 /-70 PSF
Forced Entry Test (AAMA 1302.5)		Passed

Performance values are for laminated glass with .090" Sentryglas Interlayer. Consult the NOA for values with PVB Interlayer.
*Glass limited to 8/0 daylight opening. Panel sizes above 8/0 require true muntin.

HARDWARE.

Door Lever Hardware Finishes



POLISHED BRASS



SATIN NICKEL



VENETIAN BRONZE



SATIN NICKEL



SATIN NICKEL



POLISHED BRASS



SATIN NICKEL



VENETIAN BRONZE



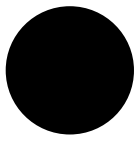
VENETIAN BRONZE
DELUXE HANDLESET



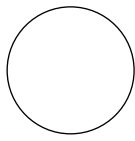
SATIN NICKEL DELUXE
HANDLESET

Finishes

Our entrance doors come in a host of standard and custom finishes. Choose from our standard white or bronze, or upgrade to a variety of colors, including our Aspen wood-grain finishes.



BRONZE*



WHITE/BONE
WHITE KYNAR OR
EQUIVALENT**



CLASS I CLEAR
ANODIZED*



HAZELNUT
BROWN*



MAHOGANY RED*



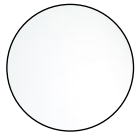
WALNUT BROWN*

*Paint finish colors may not be accurate representations. Other custom colors and wood finishes available upon request, subject to a minimum order size.

**Note that White and Bone White Kynar are different.

Glass Tints

The Estate Entrances by WinDoor Collection is available with impact- and intruder-resistant glass and a variety of thermally efficient glass types, such as insulated glass with LoE coatings. Glass tint colors may not be accurate representations.



CLEAR



GRAY



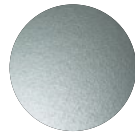
DARK GRAY
(TURTLE CODE)



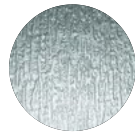
BRONZE



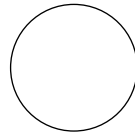
SOLEXIA GREEN



MIST
(PATTERN 62)



RAIN



WHITE INTERLAYER

Other Options

GRIDS



1" MUNTIN



3.5" MUNTIN



4.635" MUNTIN

GRILLS



HAND-FORGED
ALUMINUM GRILLS
CUSTOM-MADE FOR
EVERY DOOR

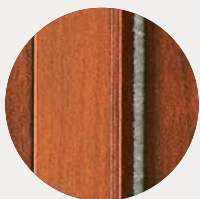
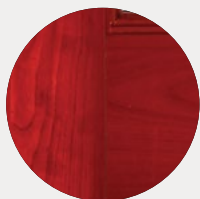
BEADS



CONTOURED



SQUARE



EXPECTATIONS

Wood-grain finishes are designed to mimic wood; consequently, there will be color variations between extrusions, within extrusions, and on the same projects, just like wood. Additionally, wood grains follow the "long" dimension of the material. So, some products may have wood grain that runs in different directions, to the left. Additionally, small blemishes may be touched up during the manufacturing process. Imperfections that are difficult to detect from 6 feet are not considered manufacturing defects.

*Just like real wood, WinDoor's Aspen wood-grain finishes will have some color variations and wood grain that runs in different directions.