



## 450 Estate Series

### ENTRANCE IMPACT

#### FEATURES

- Outswing Configuration
- 2" thick (nominal) door panels
- Complete frame, threshold and Weatherstripping
- Extruded snap-on glazing beads (in contoured ogee or contemporary square profiles)
- Extruded installation screw covers
- Dummy handle on inactive panel

#### FINISH

- White, Bronze, Bone, Clear Anodize, Woodgrains

#### GLASS

- Clear, Gray, Dark Gray, Bronze, Solexia Green, White Interlayer, Mist, Rain

#### GLASS TYPES

- 7/16" Laminated
- 1" Insulated Laminated

#### GLASS COATINGS

- Energy Efficient Low-E Coatings

#### HARDWARE

##### Residential

- 4 - 1/2" x 4" hinges (solid brass or stainless-steel)
- Single-cylinder deadbolt
- Patented 3-point lock mechanism
- Active and inactive door panels pre-bored for levers
- Flushbolts at inactive panel

Our aluminum doors are custom-made for each project. Whether you need non-impact or impact-resistant glass, you'll find some of the world's largest glass doors right here. So you can make a grander entrance with WinDoor.

All of our products go through rigorous testing, which means you can rest easy knowing our glass helps protect against everything from hurricanes to high energy bills, in both commercial and residential applications.

#### OPTIONAL ITEMS FOR ESTATE ENTRANCES

- In-swing configuration
- Extruded double-applied raised-profile 1" and 3 - 1/2" muntins\*
- True horizontal muntin (4 - 5/8" wide)
- 1/2" thick combinations aluminum/wood panel (in lieu of glass)
- Free-Standing and Self-Mating Sidelites and Transoms
- Residential Saddle or ADA Saddle thresholds (not rated for water resistance)

- Decorative aluminum panels
- Decorative wrought-iron aluminum grills
- Muntin grids inside insulated glass (GBGs)
- Jasckson series 2086 concealed vertical rod exit devices

\* Not applicable with insulated glass



**8100 Series**  
**SLIDING GLASS DOOR**  
**IMPACT OR NON-IMPACT**

**FINISH**  
 White, Bronze, Hatteras White, Bermuda Bronze, Boca Tone, Caribbean Crème, Costa Latte, Clear Anodize, Woodgrains, Custom Colors

**GLASS**  
 Clear, Bronze, Gray, Green, Azure Blue, Solar Cool Bronze, White Interlayer, Obscure, Low-E Available

**CONFIGURATIONS**  
 Multi-Panel By-Pass or Pocket and 90° or 135° Corner

**FRAME TYPES**  
 Equal Leg, Fin and Flange

**MAX PANEL SIZE**  
 5' x 12'

**MAX DESIGN PRESSURE**  
 +125 / -150

Available in 1-, 2-, 3-, 4-, and 5- track configurations.

Signature style handle standard, optional Euro Metal, By Pass Flush Pull, Contemporary, ADA compliant sill, and more available.



**7000 Series**  
**SLIDING GLASS DOOR**  
**IMPACT**

**PERFECT FOR THE ...**  
 Replacement Industry, The New Home Builder, The Condominium Market, The Hotel Resort & Apartment Industry.

Panels have a depth of 1 - 5/16", with stile panel size of 5'- up to 8' - 2" - high door system, pocket, multi-configuration by-pass systems.

Featuring 2-, 3-, and 4-track capabilities.

The standard handle is our Euro Metal series.

**GLASS OPTIONS**  
 Offering a wide range of Low-E glass choices. Single glazed – Insulated – Non-Impact & Insulated Large- and Small-Missile Impact.



**6000 Series**  
**SLIDING GLASS DOOR**  
**NON-IMPACT**

For those times when you want an outstanding sliding glass door, but don't need impact glass. Panels have a depth of 1 - 3/4", with a smaller stile panel size of 2 - 3/4".

Up to 10' tall door system, pocket, multi-configuration by-pass, and 90° and 135° systems.

Featuring 1-, 2-, 3-, and 4-track capabilities.

The standard handle is our Euro Metal series, with an optional choice of the Signature series.

**GLASS OPTIONS**  
 Offering a wide range of Low-E glass choices. Single Glazed or Insulated Non-Impact only.



**560 Estate Series**  
**SLIDING GLASS DOOR**  
**IMPACT**

**FINISH**  
 White, Bronze, Bone, Clear Anodize, Woodgrains

**GLASS**  
 Clear, Gray, Dark Gray, Bronze, Solexia, Obscure, Mist, Rain White Interlayer, Low-E Available

**CONFIGURATIONS**  
 2 & 3 Tracks and 2, 3, 4 & 6 Panels

**FRAME TYPES**  
 Equal

**MAX PANEL SIZE**  
 32 - 9/16" x 120 - 3/4" Single X  
 74 - 1/2" x 120 - 3/4" Double XX  
 38 - 3/4" x 120 - 3/4" Sidelite

**MAX DESIGN PRESSURE**  
 +120 / -160



**450 Estate Series**  
**FRENCH / PATIO DOOR**  
**IMPACT**

**FINISH**  
 White, Bronze, Bone, Clear Anodize, Woodgrains

**GLASS**  
 Clear, Gray, Dark Gray, Bronze, Solexia, Obscure, Mist, Rain,  
 White Interlayer, Low-E Available

**CONFIGURATIONS**  
 Single X, Double XX, Sidelites, Transoms

**FRAME TYPES**  
 Equal

**MAX PANEL SIZE**  
 32 - 9/16" x 120 - 3/4" Single X  
 74 - 1/2" x 120 - 3/4" Double XX  
 38 - 3/4" x 120 - 3/4" Sidelite

**MAX DESIGN PRESSURE**  
 +133 / -150



**375 Estate Series**  
**HORIZONTAL ROLLER**  
**IMPACT**

**FINISH**  
 White, Bronze, Bone, Clear Anodize, Woodgrains

**GLASS**  
 Clear, Gray, Dark Gray, Bronze, Solexia, Obscure, Mist, Rain  
 White Interlayer, Low-E Available

**CONFIGURATIONS**  
 XO, OX, XOX Equal/Unequal

**FRAME TYPES**  
 Flange, Integral Nailing Fin, Equal

**MAX PANEL SIZE**  
 72" x 48" XO / XO  
 111" x 76" XOX equal

**MAX DESIGN PRESSURE**  
 +120 / -150



**410 Estate Series**  
**FIXED / PICTURE**  
**IMPACT**

**FINISH**  
 White, Bronze, Bone, Clear Anodize, Woodgrains

**GLASS**  
 Clear, Gray, Dark Gray, Bronze, Solexia, Obscure, Mist, Rain,  
 White Interlayer, Low-E Available

**CONFIGURATIONS**  
 Rectangular units

**FRAME TYPES**  
 Flange, Equal

**MAX PANEL SIZE**  
 120" x 72" or 72" x 120"

**MAX DESIGN PRESSURE**  
 +133 / -150



**360 Estate Series**  
**SINGLE HUNG**  
**IMPACT**

**FINISH**  
 White, Bronze, Bone, Clear Anodize, Woodgrains

**GLASS**  
 Clear, Gray, Dark Gray, Bronze, Solexia, Obscure, Mist, Rain  
 White Interlayer, Low-E Available

**CONFIGURATIONS**  
 Equal, Proview (Oriel)

**FRAME TYPES**  
 Flange, Integral Nailing Fin, Equal

**MAX PANEL SIZE**  
 54" X 96" or 42" X 120"

**MAX DESIGN PRESSURE**  
 +100 / -210



## 238 Estate Series

### CASEMENT IMPACT

#### FINISH

White, Bronze, Bone, Clear Anodize, Woodgrains

#### GLASS

Clear, Gray, Dark Gray, Bronze, Solexia, Obscure, Mist, Rain, White Interlayer, Low-E Available

#### CONFIGURATIONS

X or O

#### FRAME TYPES

Flange, Integral Nailing Fin, Equal

#### MAX PANEL SIZE

42" x 84"

#### MAX DESIGN PRESSURE

+110 / -195



## 238 Estate Series

### FIXED / PICTURE IMPACT

#### FINISH

White, Bronze, Bone, Clear Anodize, Woodgrains

#### GLASS

Clear, Gray, Dark Gray, Bronze, Solexia, Obscure, Mist, Rain, White Interlayer, Low-E Available

#### CONFIGURATIONS

Designer fixed widows/ Shapes

#### FRAME TYPES

Flange, Integral Nailing Fin, Equal

#### MAX PANEL SIZE

130" X 48"

#### MAX DESIGN PRESSURE

+110 / -195



## 238 Estate Series

### PROJECT-OUT IMPACT

#### FINISH

White, Bronze, Bone, Clear Anodize, Woodgrains

#### GLASS

Clear, Gray, Dark Gray, Bronze, Solexia, Obscure, Mist, Rain, White Interlayer, Low-E Available

#### CONFIGURATIONS

X

#### FRAME TYPES

Flange, Integral Nailing Fin, Equal

#### MAX PANEL SIZE

72" X 72"

#### MAX DESIGN PRESSURE

+110 / -195



560 ESTATE SERIES SLIDING GLASS DOOR,  
410 ESTATE SERIES FIXED / PICTURE, AND  
450 ESTATE SERIES FRENCH / PATIO DOOR

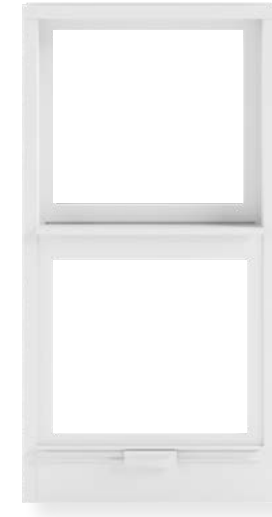


**3000 Series**  
**FIXED / PICTURE**  
**IMPACT OR NON-IMPACT**

Our fixed-frame aluminum windows are available in large sizes to produce a non-moving wall of glass.

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**MAX SIZE**  
 60" x 108"



**4000 Series**  
**SINGLE HUNG**  
**IMPACT OR NON-IMPACT**

When the traditional look of aluminum is needed, there is only one choice...

The 4000 Series combines the ruggedness of aluminum alloy with the design flexibility that gives you a unique and beautiful window.

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<b>SIZES SINGLE VENT</b> 53"x 96"	<b>SIZES TWIN VENT</b> 107"x 72"
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**ALUMINUM WINDOWS GLASS OPTIONS**  
 Offering a wide range of Low-E glass choices.  
 Single glazed – Insulated – Non-Impact & Insulated – Large and Small-Missile Impact.



**4070 Series**  
**HORIZONTAL ROLLER**  
**IMPACT OR NON-IMPACT**

Our Horizontal Roller Windows feature an elegant, traditional style with 21st-century technology built in for protection and convenience.

A horizontal roller window is a window with a movable sash that slides horizontally. These windows are composed of one stationary sash and one sash that glides to the right or left.

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**SIZES**  
 74" x 64" / 74" x 74" XO - OX  
 112" x 64" / 112" x 74" XOX

**ALUMINUM WINDOW GLASS OPTIONS**  
 Offering a wide range of Low-E glass choices. Single glazed – Insulated – Non-Impact & Insulated – Large and Small-Missile Impact.



**4030 Series**  
**WINDOW WALL SYSTEM**  
**IMPACT OR NON-IMPACT**

Our Window Wall System was designed to be able to integrate our Single Hung and our Fixed Window systems into one continuous wall of glass.

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**SIZES MAX VENT**  
 53" x 120"