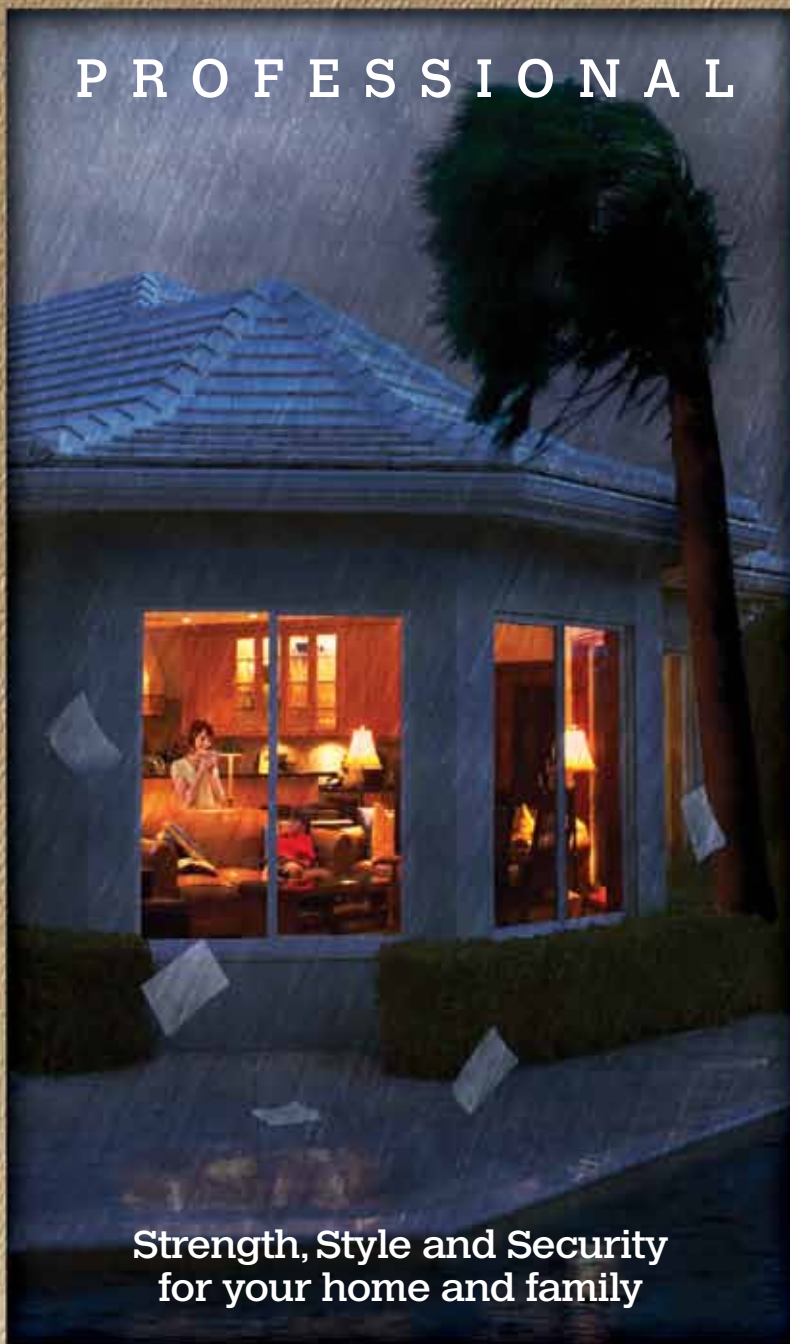


P R O F E S S I O N A L



Strength, Style and Security
for your home and family

Sentinel

by



Impact Resistant
Windows & Doors






Why Sentinel Impact Resistant Windows and Doors?

An investment in hurricane impact resistant Sentinel Windows and Doors for your home or commercial property is a very wise decision. Sentinel Windows and Doors are manufactured and backed by CGI, founded in 1992 and one of the original pioneers in design and manufacture of high performance impact hurricane resistant windows and doors. CGI's reputation for building high quality windows and doors makes CGI's products the preferred choice of architects, developers, builders and homeowners wherever impact resistant windows and doors are required.

Sentinel's complete line of windows and doors are custom manufactured to enhance the aesthetics of every architectural style while delivering protection from the most extreme weather conditions.

Sentinel Windows and Doors are the best choice to satisfy your window and door needs. Contact a Sentinel dealer today to learn more and see why an investment in Sentinel is the right decision and an outstanding value.

Selecting Sentinel as your window and door choice is also a smart investment for the following reasons:

- Sentinel impact resistant products increase the resale value of your property
- Sentinel impact products will lower your property insurance premiums in most instances
- Sentinel's laminated impact glass reduces energy requirements for heating and cooling your property
- Sentinel laminated impact glass provides improved security against intruders
- Sentinel's laminated glass eliminates up to 99% of UV ray damage to your interior furnishings
- Sentinel's laminated impact glass reduces outside noise transmission into the interior of your home or property
- Sentinel products are proudly made in the USA 



The historic Breakers Hotel chose CGI windows

Founded in 1896 on the oceanfront of Palm Beach, The Breakers is one of the most iconic and luxurious hotels in the world. It is world-renowned for offering its guests exceptional experiences. When it came time to renovate the property, nothing but the best would do. To provide world class hurricane protection while remaining true to the building's historical appearance, the hotel selected CGI Estate Collection windows for 400 of its guest rooms. Made with heavy, commercial-grade aluminum frame construction, the CGI Estate Collection single-hung window has the stylish look of a traditional single-hung with the superior performance of a contemporary impact resistant windows. Our sturdy aluminum frames outperform and are more durable than traditional wood and vinyl frames in the humid Florida climate. The combination of sturdy aluminum construction and impact-resistant glass offers superior hurricane protection and security.

The Sentinel Advantage

by  Impact Resistant
Windows & Doors

Up to 30% thicker aluminum extrusions

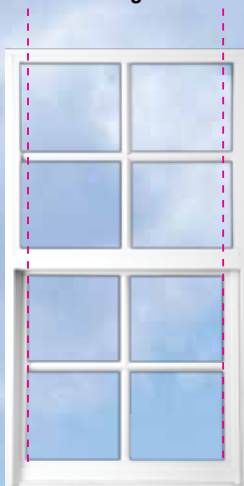
THEIRS

Thinner aluminum gauge provides less strength and sturdiness

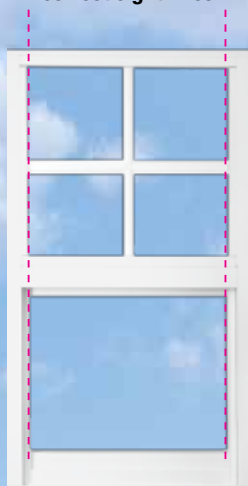
SENTINEL

Sentinel extrusion thickness is up to 30% higher than some comparable competitive products

Uneven sight lines



Architecturally correct sight lines



THEIRS

Difference in thickness of top and bottom sash construction, less aesthetically pleasing

SENTINEL

Matching top and bottom sash sight lines offer a high-end symmetrical look to your home

Plastic guides



THEIRS

Plastic guides may break causing misalignment and are unappealing

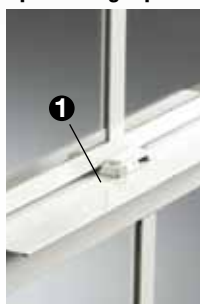
Doesn't need guides



SENTINEL

With block and tackle balances there is no need for unsightly guides to ensure smooth operation

Unsightly protruding top rail

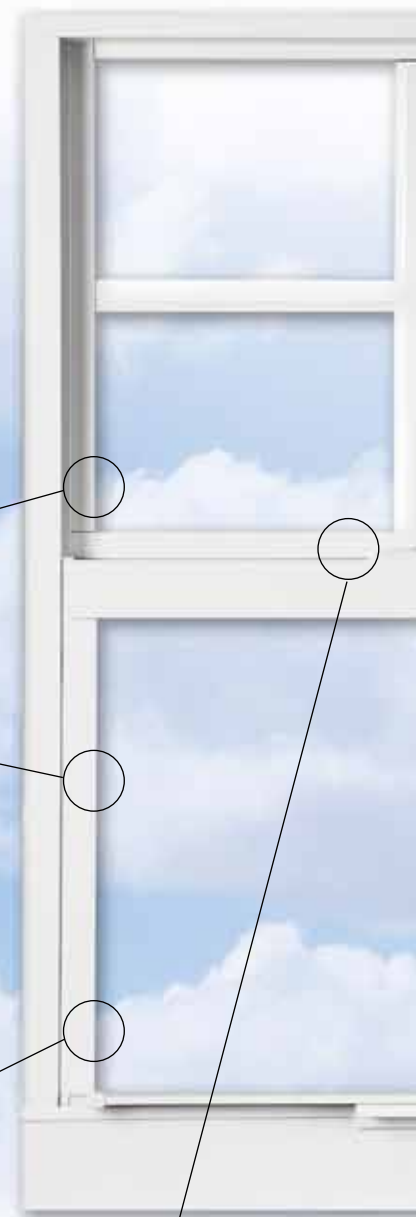


THEIRS
Protruding rail that detracts from appearance

Smooth flush appearance



SENTINEL
Better aesthetics with our flush design versus protruding double rails





Larger stainless steel fasteners

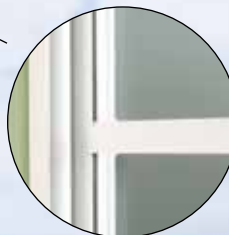


THEIRS
Smaller and fewer #8 1-inch screws provide less frame strength, product longevity and hurricane resistance

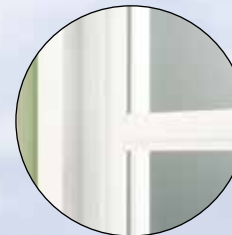


SENTINEL
CGI offers superior frame construction design because we fasten our frame corners using three #10 1 1/4 inch stainless steel fasteners while others use only two smaller #8 1-inch galvanized screws

Hidden balances



THEIRS
Exposed hardware detracts from appearance



SENTINEL
Features hidden balances for a cleaner, neater look (most sizes)

Captured bottom rail



THEIRS
Open frame design reduces structural integrity. Some add unsightly foam pads that capture dirt and tend to fall off or get removed

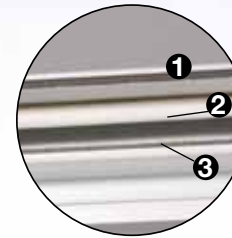


SENTINEL
Superior captured bottom rail u-frame design for improved strength and protection from water infiltration versus open L-shaped designs

Triple Weatherstripping



THEIRS
One row of weatherstripping. More likely to leak resulting in energy loss and water intrusion



SENTINEL
Triple weather stripping at the sill creates superior energy efficient air and water infiltration protection

Energy Saving Options

Combine the advantages of impact protection and energy savings with Sentinel windows and doors. Save up to 30% or more with Sentinel Energy Efficient Impact Windows & Doors by selecting from a wide variety of energy efficient glass choices including tinted glass, Lo-E coatings and insulated glass. Choose your glass type based on where you live and your budget. For example, tinted laminated glass may be the most cost effective impact resistant glazing option. Consider tinted laminated for warm climates such as Florida, the Caribbean, Hawaii, and coastal areas of South Carolina, Alabama, Mississippi, and Louisiana. If you are looking for higher performance glass options, laminated glass with a Lo-E coating, or insulated laminated glass with a Lo-E coating is available. These high performance glass options are perfect for cooler climates such as North Carolina, inland sections of South Carolina, Alabama, Mississippi and Louisiana, and anywhere required by local building codes. Please contact a Sentinel dealer for more information.



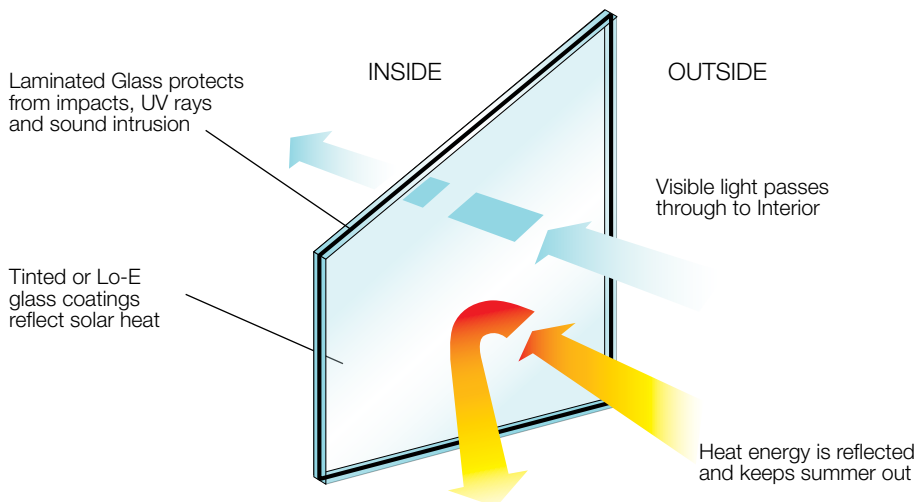
Superior Warranty Coverage

Sentinel products are backed by our long standing comprehensive product warranty. Ask your local Sentinel dealer for details or visit our website at www.cgiwindows.com



Save up to 30% or more with energy efficient impact windows by combining energy efficient glass choices including glass tints, Lo-E and insulated glass.

Laminated Glass



* Products are also available with insulated glass for northern climates.



Easy Retrofit

Sentinel is custom manufactured to exact sizes within our wide range of design parameters therefore reducing on-site construction costs. In addition, Sentinel's frame depth is designed for both new construction and replacement applications resulting in faster, less intrusive replacement installations. Uniquely designed, Sentinel products are the best choice for your remodeling project. Improve the value, energy efficiency and aesthetics of your property by selecting Sentinel windows and doors.





Single-Hung



Fixed



Horizontal Rolling



Designer



French Door



Sliding Glass Door

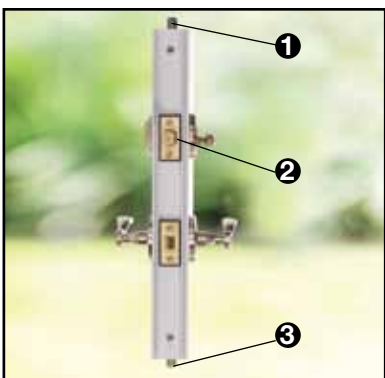
The closer you look, the better Sentinel looks



Sash (Egress) and optional Sweep Lock



Semi-Contoured Muntins



Three Point Locking System



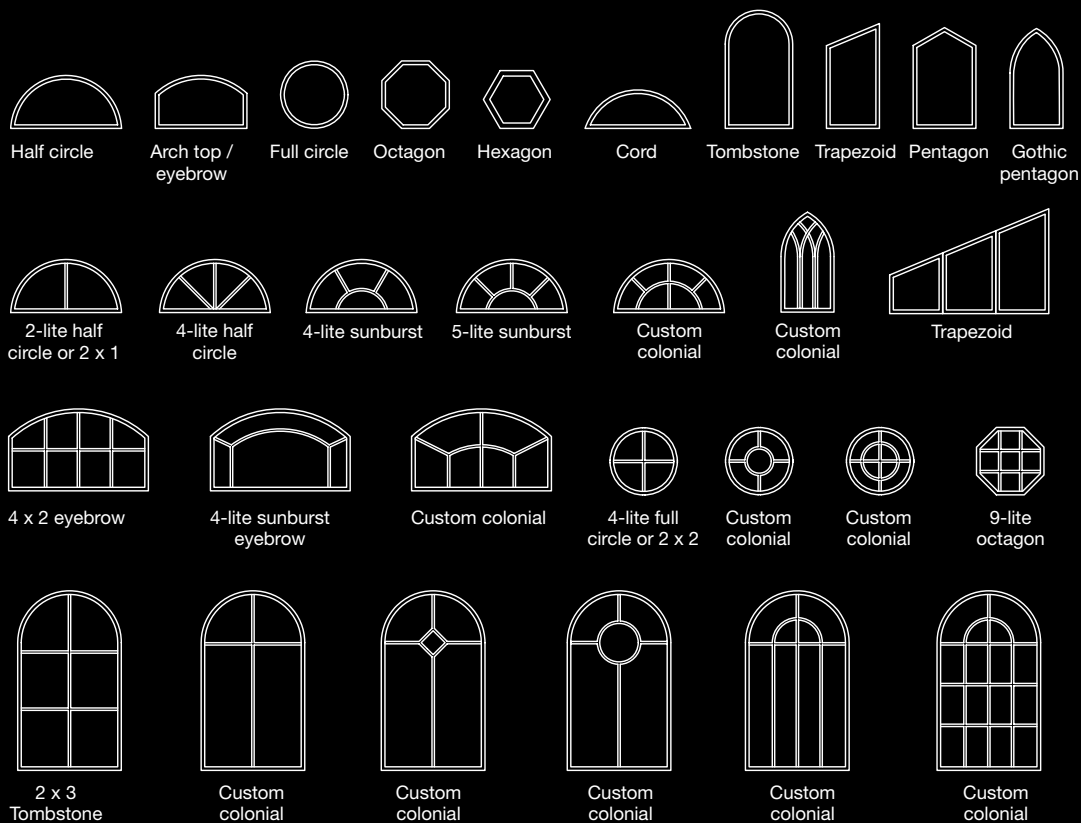
Sliding Glass Door Mitered Corner

Super View™ Screen



Our Super-View™ see-through screen material provides strong construction and clearer, unobstructed views. Our screens are constructed using a sturdy extruded frame design in place of typical thinner roll-formed aluminum screens.

Choose from a number of beautiful designer configurations



Sentinel Products Offer Many Customizable Choices

Frame Color

White ESP
Bronze ESP

Glass Types

Laminated
Insulated Laminated

Glass Tints

Clear
Gray
Bronze
Solexia Green
Obscure
Dark Gray
Blue

Glass Coatings

Energy Efficient Lo-E options

Muntin/Grid Design

Large assortment of muntin designs

Single Hung

Sash bottom rail mounted egress lock standard
Sash top rail mounted sweep lock option
Concealed head installation screws
Water resistant sill standard
Stainless steel fasteners standard
Extruded frame with super view screen standard

Horizontal Rolling Window

Two & Three panel configurations OX, XO, XOX
Sash handle rail mounted egress lock standard
Sash interlock rail mounted sweep lock option
Concealed jamb anchors
Stainless steel fasteners standard
Extruded frame with super view screen standard

Sliding Glass Doors

2 & 3 track configurations
Pocketing panel options
Exterior keyed security lock option
Stainless steel fasteners standard
Single & dual track extruded frame super view screen

Available Finishes:

- White & Bronze

Standard Glass Colors:

- Clear, Gray, Bronze,
Solexia Green, Obscure,
Dark Gray, Blue

Glass Types:

- 5/16" Laminated
- 13/16" Insulated Laminated

Glass Coatings:

- Energy efficient Lo-E options

Standard Hardware:

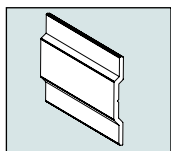
- Egress self closing lock
(sill mounted)

Standard Features:

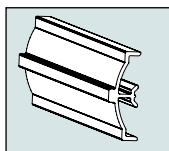
- Matching top and bottom sight lines
- Flush design
- U-framed captured bottom rail with triple weatherstripping and weeped sill
- 2 1/2" deep frame
- Hidden block and tackle balances (most sizes)
- Extruded snap-on glazing beads
- Strong structural glazing
- Concealed head anchors
- 3 #10 1 1/4" stainless steel fasteners per corner
- Extruded screen frame with Super View™ fiberglass mesh

Optional Items:

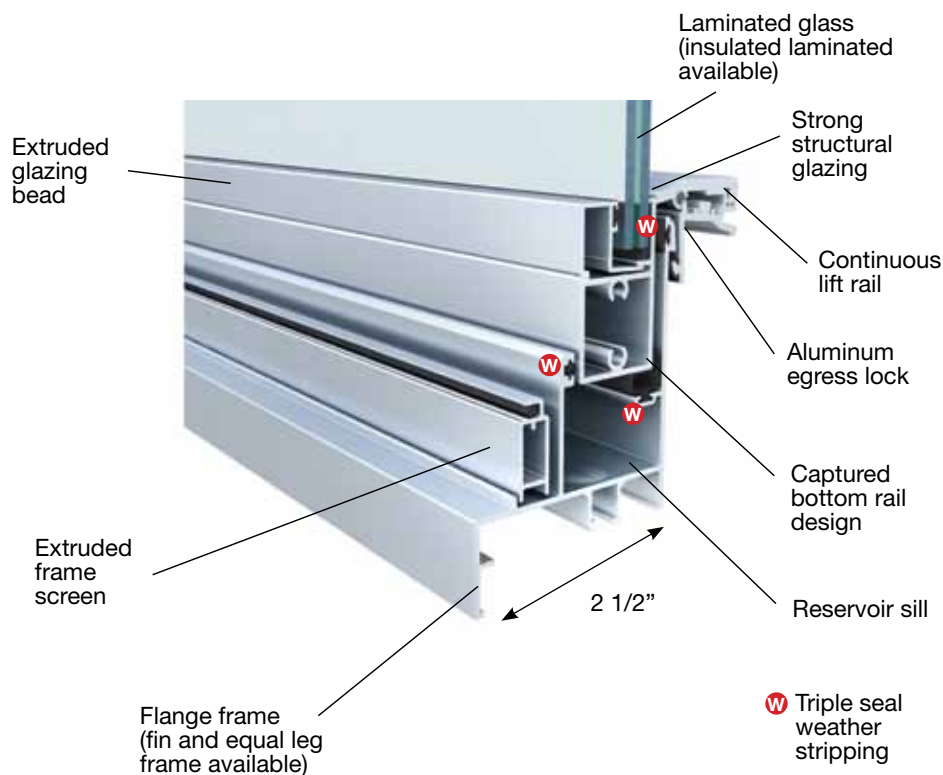
- Meeting rail mounted sweep locks
- Uneven size vent windows (Oriel)
- Flange, fin & equal leg frame options
- Additional egress self closing lock

Optional Muntins:

Low Profile

Semi-Contoured
(exterior only)**Glass Types:**Laminated
GlassInsulated
Laminated Glass

Sentinel Single Hung Window 110



Sentinel Single Hung Window 110

Commodity Sizes

| Width | Height | Width | Height | Width | Height | Width | Height |
|--------|--------|--------|--------|-------|--------|--------|--------|
| 19 1/8 | 26 | 26 1/2 | 26 | 37 | 26 | 53 1/8 | 26 |
| 19 1/8 | 38 3/8 | 26 1/2 | 38 3/8 | 37 | 38 3/8 | 53 1/8 | 38 3/8 |
| 19 1/8 | 50 5/8 | 26 1/2 | 50 5/8 | 37 | 50 5/8 | 53 1/8 | 50 5/8 |
| 19 1/8 | 59 1/2 | 26 1/2 | 59 1/2 | 37 | 59 1/2 | 53 1/8 | 59 1/2 |
| 19 1/8 | 63 | 26 1/2 | 63 | 37 | 63 | 53 1/8 | 63 |
| 19 1/8 | 76 | 26 1/2 | 76 | 37 | 76 | 53 1/8 | 76 |

All single hung windows have a 2 1/2" depth, ideal for replacement applications

Modular Sizes

| Width | Height | Width | Height | Width | Height | Width | Height | Width | Height |
|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 24 | 26 | 32 | 26 | 40 | 26 | 44 | 26 | 48 | 26 |
| 24 | 38 3/8 | 32 | 38 3/8 | 40 | 38 3/8 | 44 | 38 3/8 | 48 | 38 3/8 |
| 24 | 50 5/8 | 32 | 50 5/8 | 40 | 50 5/8 | 44 | 50 5/8 | 48 | 50 5/8 |
| 24 | 59 1/2 | 32 | 59 1/2 | 40 | 59 1/2 | 44 | 59 1/2 | 48 | 59 1/2 |
| 24 | 63 | 32 | 63 | 40 | 63 | 44 | 63 | 48 | 63 |
| 24 | 76 | 32 | 76 | 40 | 76 | 44 | 76 | 48 | 76 |

All single hung windows have a 2 1/2" depth, ideal for replacement applications

Test Performance Results

| | | |
|---------------------------------|-------------------------------------|---------------------|
| Maximum Water Resistance | | 12 PSF |
| Large Missile | 53 1/8" x 76 window (Ann/Ann Glass) | + 75 PSF / - 75 PSF |
| | 53 1/8" x 76 window (HS/HS Glass) | + 80 PSF / - 85 PSF |
| Forced Entry Test (AAMA 1302.5) | | Passed |



Energy Values*

| Laminated | | STC RATINGS | SHGC | U Fact | VLT |
|---------------------|----------------|-------------|------|--------|-----|
| 5/16" | Clear Lo-E 366 | 36 | 0.36 | 0.97 | 62% |
| 5/16" | Gray | 35 | 0.58 | 0.94 | 51% |
| 5/16" | Clear | 35 | 0.73 | 0.94 | 87% |
| Insulated Laminated | | | | | |
| 13/16" | Clear Lo-E 366 | 37 | 0.27 | 0.24 | 65% |
| 13/16" | Gray Lo-E 270 | 37 | 0.35 | 0.25 | 48% |

* Center of glass values

Available Finishes:

- White & Bronze

Standard Glass Colors:

- Clear, Gray, Bronze,
Solexia Green, Obscure,
Dark Gray, Blue

Glass Types:

- 5/16" Laminated
- 13/16" Insulated Laminated

Glass Coatings:

- Energy efficient Lo-E options

Standard Hardware:

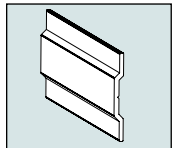
- Egress lock

Standard Features:

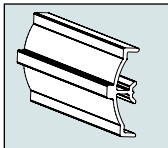
- Two & three panel configurations
OX, XO, XO
- Equal lites or 1/4-1/2-1/4
configuration
- Flush design
- Double weatherstripping and
weeped sill
- 2 1/2" deep frame
- Extruded snap-on glazing beads
- Strong structural glazing
- Concealed jamb anchor cover
- 3 #10 1 1/4" stainless steel
fasteners per corner
- Extruded screen frame with
Super View™ fiberglass mesh

Optional Items:

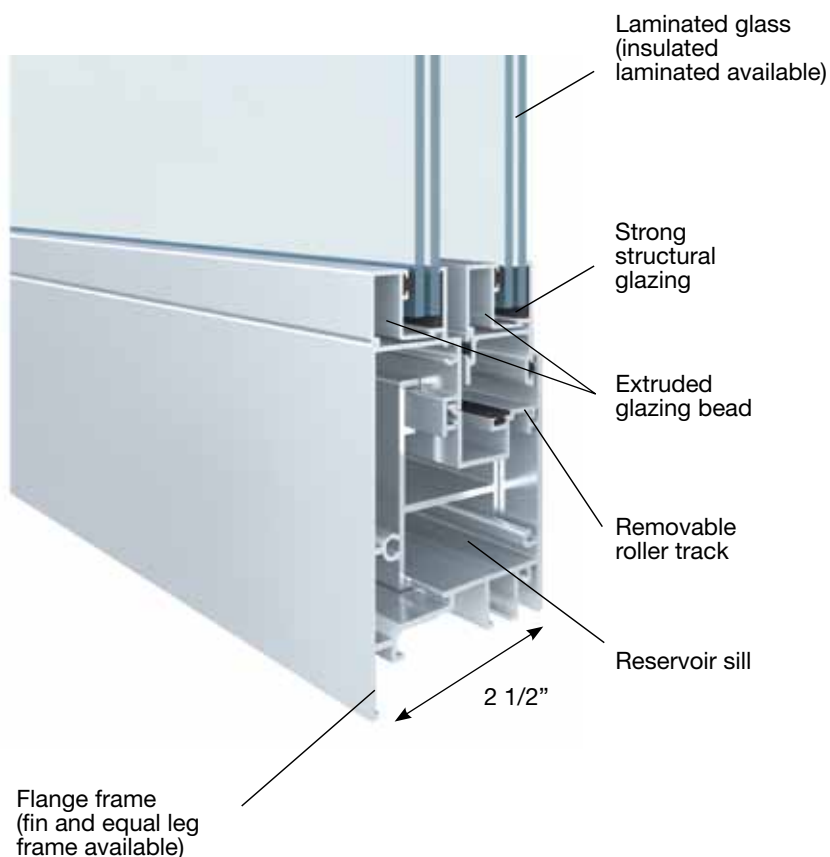
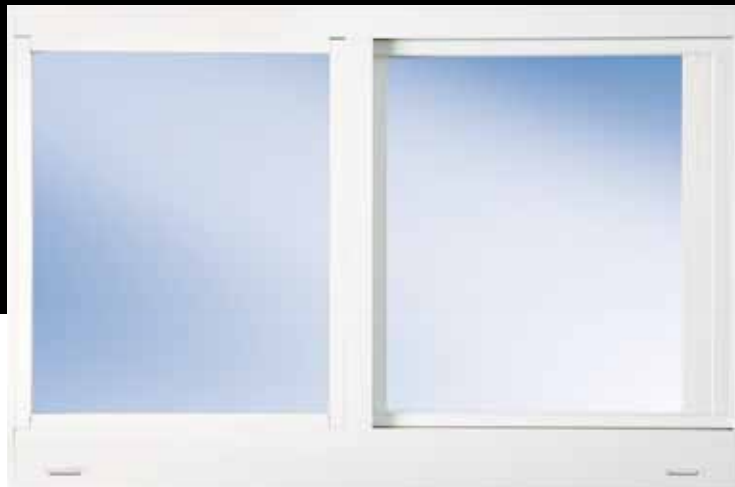
- Sash interlock rail mounted
sweep lock
- Flange, fin & equal leg frame
options

Optional Muntins:

Low Profile

Semi-Contoured
(exterior only)**Glass Types:**Laminated
GlassInsulated
Laminated Glass

Sentinel Horizontal Rolling Window 120



Sentinel Horizontal Rolling Window 120

Commodity Sizes XO or OX

| Width | Height | Width | Height | Width | Height | Width | Height |
|--------|--------|-------|--------|--------|--------|-------|--------|
| 26 1/2 | 26 | 37 | 26 | 53 1/8 | 26 | 74 | 26 |
| 26 1/2 | 38 3/8 | 37 | 38 3/8 | 53 1/8 | 38 3/8 | 74 | 38 3/8 |
| 26 1/2 | 50 5/8 | 37 | 50 5/8 | 53 1/8 | 50 5/8 | 74 | 50 5/8 |
| 26 1/2 | 63 | 37 | 63 | 53 1/8 | 63 | 74 | 63 |

All horizontal rolling windows have a 2 1/2" depth, ideal for replacement applications

Modular Sizes XO or OX

| Width | Height | Width | Height | Width | Height | Width | Height | Width | Height | Width | Height | Width | Height |
|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 24 | 24 | 36 | 24 | 48 | 24 | 54 | 24 | 60 | 24 | 66 | 24 | 72 | 24 |
| 24 | 26 | 36 | 26 | 48 | 26 | 54 | 26 | 60 | 26 | 66 | 26 | 72 | 26 |
| 24 | 36 | 36 | 36 | 48 | 36 | 54 | 36 | 60 | 36 | 66 | 36 | 72 | 36 |
| 24 | 38 3/8 | 36 | 38 3/8 | 48 | 38 3/8 | 54 | 38 3/8 | 60 | 38 3/8 | 66 | 38 3/8 | 72 | 38 3/8 |
| 24 | 48 | 36 | 48 | 48 | 48 | 54 | 48 | 60 | 48 | 66 | 48 | 72 | 48 |
| 24 | 50 5/8 | 36 | 50 5/8 | 48 | 50 5/8 | 54 | 50 5/8 | 60 | 50 5/8 | 66 | 50 5/8 | 72 | 50 5/8 |
| 24 | 54 | 36 | 54 | 48 | 54 | 54 | 54 | 60 | 54 | 66 | 54 | 72 | 54 |
| 24 | 60 | 36 | 60 | 48 | 60 | 54 | 60 | 60 | 60 | 66 | 60 | 72 | 60 |
| 24 | 63 | 36 | 63 | 48 | 63 | 54 | 63 | 60 | 63 | 66 | 63 | 72 | 63 |

All horizontal rolling windows have a 2 1/2" depth, ideal for replacement applications

Test Performance Results

| | | |
|---|---|-----------------|
| Maximum Water Resistance | | 12 PSF |
| Large Missile | 2 panel 74 x 63 Window (Ann/Ann Glass) | +65 PSF/-65 PSF |
| | 3 panel 111 x 63 Window (Ann/Ann Glass) | +65 PSF/-65 PSF |
| | 2 panel 74 x 63 Window (HS/HS Glass)* | +80 PSF/-90 PSF |
| | 3 panel 111 x 63 Window (HS/HS Glass)* | +80 PSF/-90 PSF |
| * Fin frame windows limited to + 80 PSF/-80 PSF | | |
| Forced Entry Test (AAMA 1302.5) | | Passed |



Energy Values*

| Laminated | | STC RATINGS | SHGC | U Fact | VLT |
|---------------------|----------------|-------------|------|--------|-----|
| 5/16" | Clear Lo-E 366 | 36 | 0.36 | 0.97 | 62% |
| 5/16" | Gray | 35 | 0.58 | 0.94 | 51% |
| 5/16" | Clear | 35 | 0.73 | 0.94 | 87% |
| Insulated Laminated | | | | | |
| 13/16" | Clear Lo-E 366 | 37 | 0.27 | 0.24 | 65% |
| 13/16" | Gray Lo-E 270 | 37 | 0.35 | 0.25 | 48% |

* Center of glass values

Available Finishes:

- White & Bronze

Standard Glass Colors:

- Clear, Gray, Bronze,
Solexia Green, Obscure,
Dark Gray, Blue

Glass Types:

- 7/16" Laminated
- 1" Insulated Laminated

Glass Coatings:

- Energy efficient Lo-E options

Standard Accessories:

- 2 #10 1 1/4" stainless steel fasteners per corner
- Extruded snap-on glazing beads
- 2 1/2" deep frame
- Strong structural glazing
- Fastener covers

Designer Fixed Windows:

- Half circle
- Arch top/eyebrow
- Full circle
- Octagon
- Hexagon
- Cord
- Tombstone
- Trapezoid
- Pentagon
- Gothic pentagon

Mull Options:

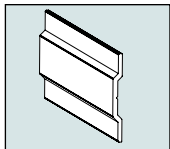
1" x 2 1/2" (unclipped)

1" x 3" (unclipped)

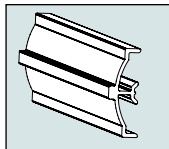
1" x 4" (unclipped)

Optional Items:

Flange, fin & equal leg frame options

Optional Mullins:

Low Profile



Semi-Contoured
(exterior only)

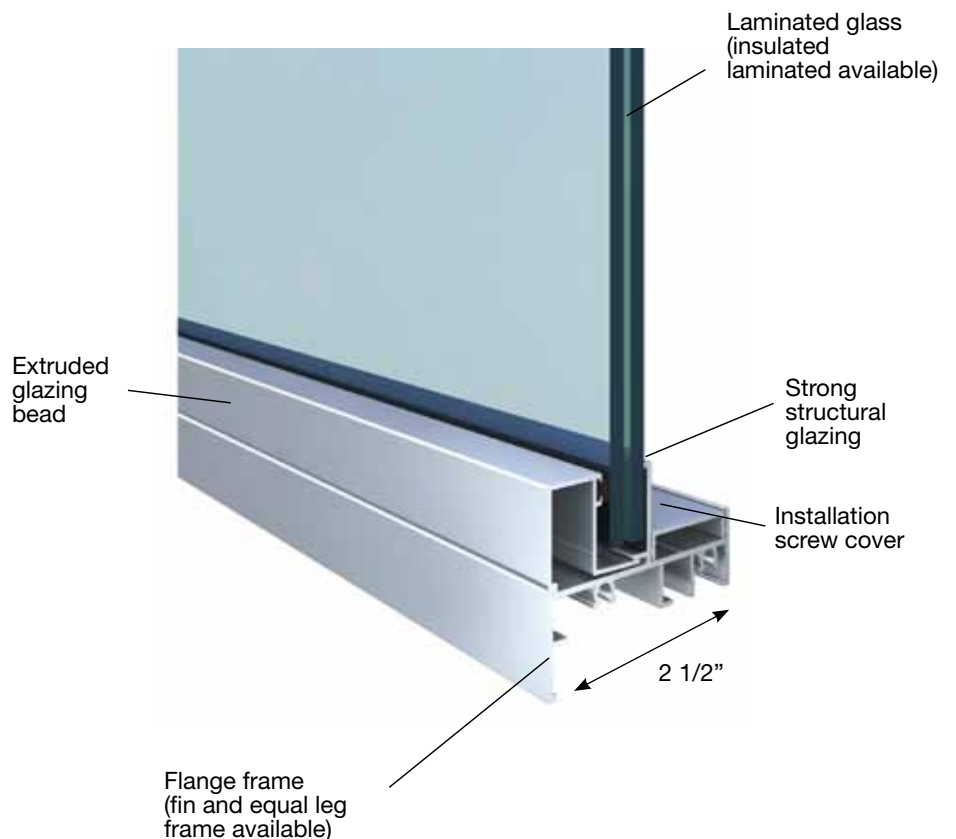
Glass Types:

Laminated
Glass



Insulated
Laminated Glass

Sentinel Fixed Window 130

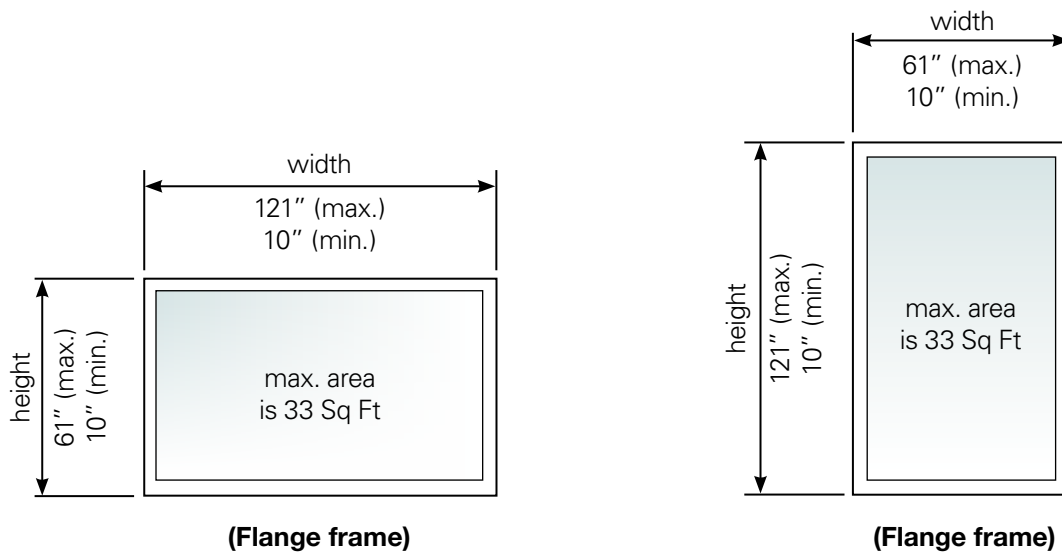


Sentinel Fixed Window 130

Test Performance Results

| | | |
|--------------------------|-------------------------------|---------------------|
| Maximum Water Resistance | | 12 PSF |
| Large Missile | 47 x 97 window (Ann/HS Glass) | + 60 PSF / - 60 PSF |
| | 47 x 97 window (HS/HS Glass) | + 80 PSF / - 80 PSF |

Rectangular Fixed



All fixed windows have a 2 1/2" depth, ideal for replacement applications

*Equal Leg and Fin frame are 32 Sq Ft



Energy Values*

| Laminated | | STC RATINGS | SHGC | U Fact | VLT |
|---------------------|----------------|-------------|------|--------|-----|
| 7/16" | Clear Lo-E 366 | 36 | 0.37 | 0.95 | 60% |
| 7/16" | Gray | 36 | 0.57 | 0.94 | 50% |
| 7/16" | Clear | 36 | 0.73 | 0.95 | 86% |
| Insulated Laminated | | | | | |
| 1" | Clear Lo-E 366 | 39 | 0.27 | 0.24 | 63% |
| 1" | Gray Lo-E 270 | 39 | 0.28 | 0.25 | 35% |

* Center of glass values

Available Finishes:

- White & Bronze

Standard Glass Colors:

- Clear, Gray, Bronze,
Solexia Green, Obscure,
Dark Gray, Blue

Glass Types:

- 7/16" Laminated
- 1" Insulated Laminated

Glass Coatings:

- Energy efficient Lo-E options

Standard Hardware:

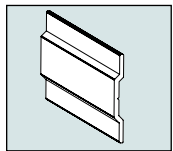
- Interior lock and handle
- Stainless steel rollers
- White or Bronze handles

Standard Features:

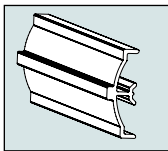
- 2 & 3 track and pocketed configurations
- 4 3/4" deep frame on 2 track
- 6" deep frame on 3 track
- Mitered decorative interior corners
- Stainless steel fasteners
- Heavy duty extruded screen frame with Super View™ fiberglass mesh

Optional Items:

- Exterior keyed security lock
- Dual track extruded screen frame with Super View™ fiberglass mesh for use with 3 track configurations

Optional Muntins:

Low Profile



Semi-Contoured
(exterior only)

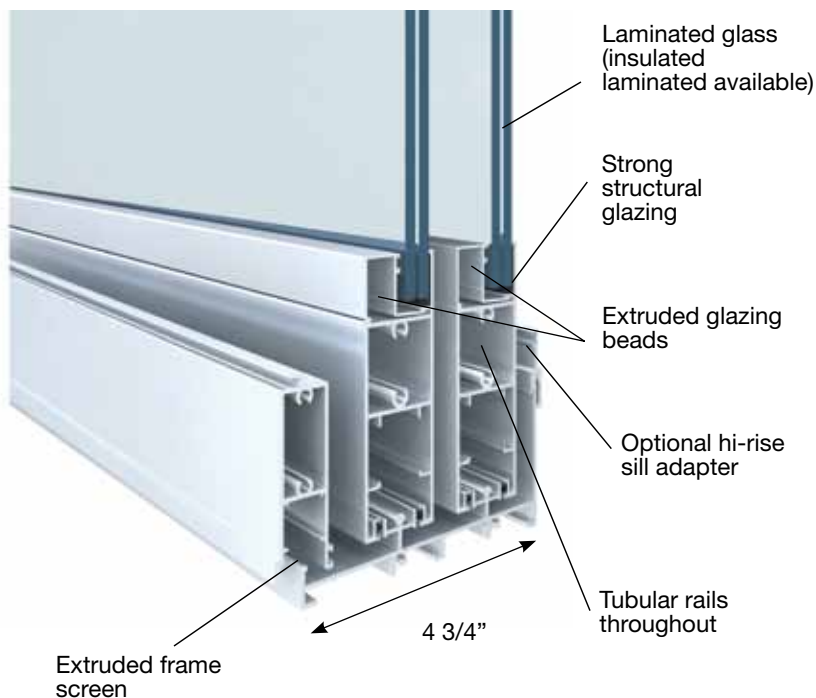
Glass Types:

Laminated
Glass



Insulated
Laminated Glass

Sentinel Sliding Glass Door 150



Sentinel Sliding Glass Door 150

Sentinel 6'8" and 8'0" Sliding Glass Door Sizes (80" and 96" frame height)

| | Configuration | Call Width | Frame Width | | Configuration | Call Width | Frame Width |
|---------|---------------|------------|-------------|---------|-----------------------|------------|-------------|
| 2 Track | OX,XO,XX | 4-0 | 48 | 3 Track | XXX,XXO XXX-R, OXX | 7-6 | 88 1/16 |
| | | 5-0 | 60 | | | 9-0 | 106 1/16 |
| | | 6-0 | 72 | | | 12-0 | 142 1/16 |
| | | 8-0 | 96 | | | 15-0 | 178 1/16 |
| | OXO,OXO-R | 9-0 | 108 3/8 | | | | |
| | | 12-0 | 144 3/8 | | | | |
| | | 15-0 | 180 3/8 | | | | |
| | OXXO,XXXX | 10-0 | 118 7/16 | | OXXO, XXXXXX | 15-0 | 174 5/8 |
| | | 12-0 | 142 7/16 | | | 18-0 | 210 5/8 |
| | | 16-0 | 190 7/16 | | | 24-0 | 282 5/8 |

* Pocket configurations available

Test Performance Results

| | | |
|---------------------------------|------------------------------|---------------------|
| Maximum Water Resistance | Without waterbar adapter | 9 PSF |
| | With waterbar adapter | 12 PSF |
| Large Missile | 4' x 8' Panel (Ann/HS Glass) | + 60 PSF / - 60 PSF |
| | 4' x 8' Panel (HS/HS Glass) | + 80 PSF / - 85 PSF |
| Forced Entry Test (AAMA 1302.5) | | Passed |



Energy Values*

| Laminated | | STC RATINGS | SHGC | U Fact | VLT |
|---------------------|----------------|-------------|------|--------|-----|
| 7/16" | Clear Lo-E 366 | 36 | 0.35 | 0.96 | 60% |
| 7/16" | Gray | 36 | 0.57 | 0.94 | 50% |
| 7/16" | Clear | 36 | 0.73 | 0.95 | 86% |
| Insulated Laminated | | | | | |
| 1" | Clear Lo-E 366 | 39 | 0.27 | 0.24 | 63% |
| 1" | Gray Lo-E 270 | 39 | 0.28 | 0.25 | 35% |

* Center of glass values

Available Finishes:

- White & Bronze

Standard Glass Colors:

- Clear, Gray, Bronze,
Solexia Green, Obscure,
Dark Gray, Blue

Glass Types:

- 7/16" Laminated
- 1" Insulated Laminated

Glass Coatings:

- Energy efficient Lo-E options

Standard Hardware:

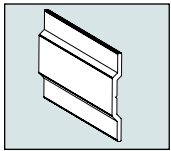
- Patented 3-point lock

Standard Features:

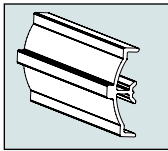
- Extruded snap-on glazing beads
- 4 5/8" deep frame
- Fastener covers
- High bottom rail french door sightlines
- Triple weatherstripping

Optional Items:

- Brushed Satin, Tuscan
Bronze or Polished Brass levers
- Available as single or pairs

Optional Muntins:

Low Profile



Semi-Contoured
(exterior only)

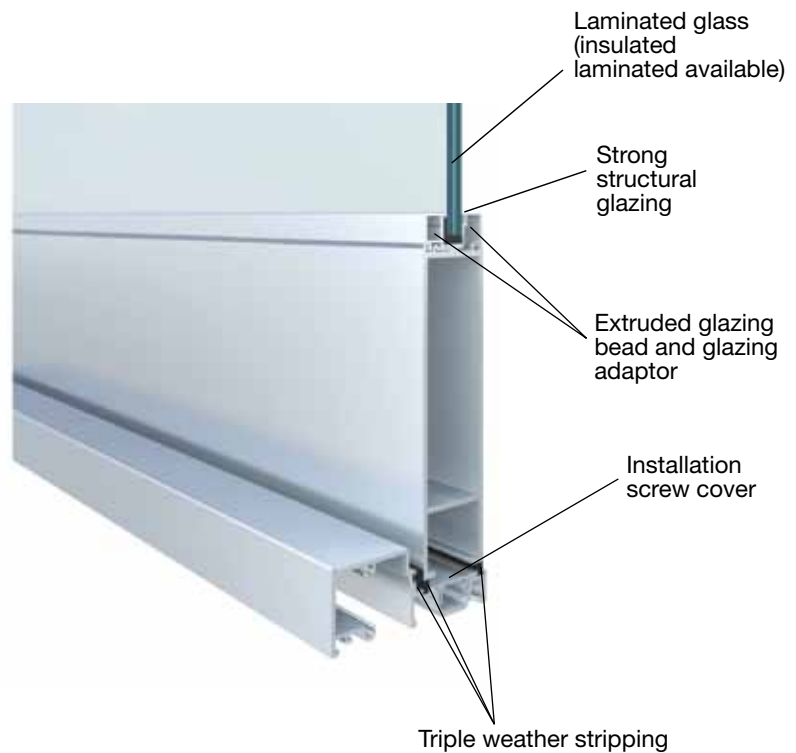
Glass Types:

Laminated
Glass



Insulated
Laminated Glass

Sentinel French Door 450SN



Sentinel French Door 450SN

Door Sizes

| 6' 8" | | | Single | | | 8' 0" | | | 6' 8" | | | Double | | | 8' 0" | | |
|-----------|---------|--------|-----------|---------|--------|-----------|-------|--------|-----------|--------|--------|-----------|--------|--------|-----------|-------|--------|
| Code Size | Width | Height | Code Size | Width | Height | Code Size | Width | Height | Code Size | Width | Height | Code Size | Width | Height | Code Size | Width | Height |
| 2068 | 25 3/16 | 79 3/4 | 2080 | 25 3/16 | 95 3/4 | | | | 4068 | 47 3/4 | 79 3/4 | 4080 | 47 3/4 | 95 3/4 | | | |
| 2668 | 31 3/16 | 79 3/4 | 2680 | 31 3/16 | 95 3/4 | | | | 5068 | 59 3/4 | 79 3/4 | 5080 | 59 3/4 | 95 3/4 | | | |
| 2868 | 33 3/16 | 79 3/4 | 2880 | 33 3/16 | 95 3/4 | | | | 5468 | 63 3/4 | 79 3/4 | 5480 | 63 3/4 | 95 3/4 | | | |
| 3068 | 37 3/16 | 79 3/4 | 3080 | 37 3/16 | 95 3/4 | | | | 6068 | 71 3/4 | 79 3/4 | 6080 | 71 3/4 | 95 3/4 | | | |

Test Performance Results

| | | |
|---------------------------------|-------------------------------|-----------------------|
| Maximum Water Resistance | | 15 PSF |
| Large Missile | 3' x 8' Panel (Ann/Ann Glass) | + 100 PSF / - 100 PSF |
| Forced Entry Test (AAMA 1302.5) | | Passed |



Energy Values*

| Laminated | | STC RATINGS | SHGC | U Fact | VLT |
|---------------------|-----------------------|-------------|------|--------|-----|
| 7/16" | Clear Lo-E Energy Adv | 36 | 0.46 | 1.04 | 43% |
| 7/16" | Gray | 36 | 0.57 | 0.94 | 50% |
| 7/16" | Clear | 36 | 0.73 | 0.95 | 86% |
| Insulated Laminated | | | | | |
| 1" | Clear Lo-E 366 | 39 | 0.27 | 0.24 | 63% |
| 1" | Gray Lo-E 270 | 39 | 0.28 | 0.25 | 35% |

* Center of glass values



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