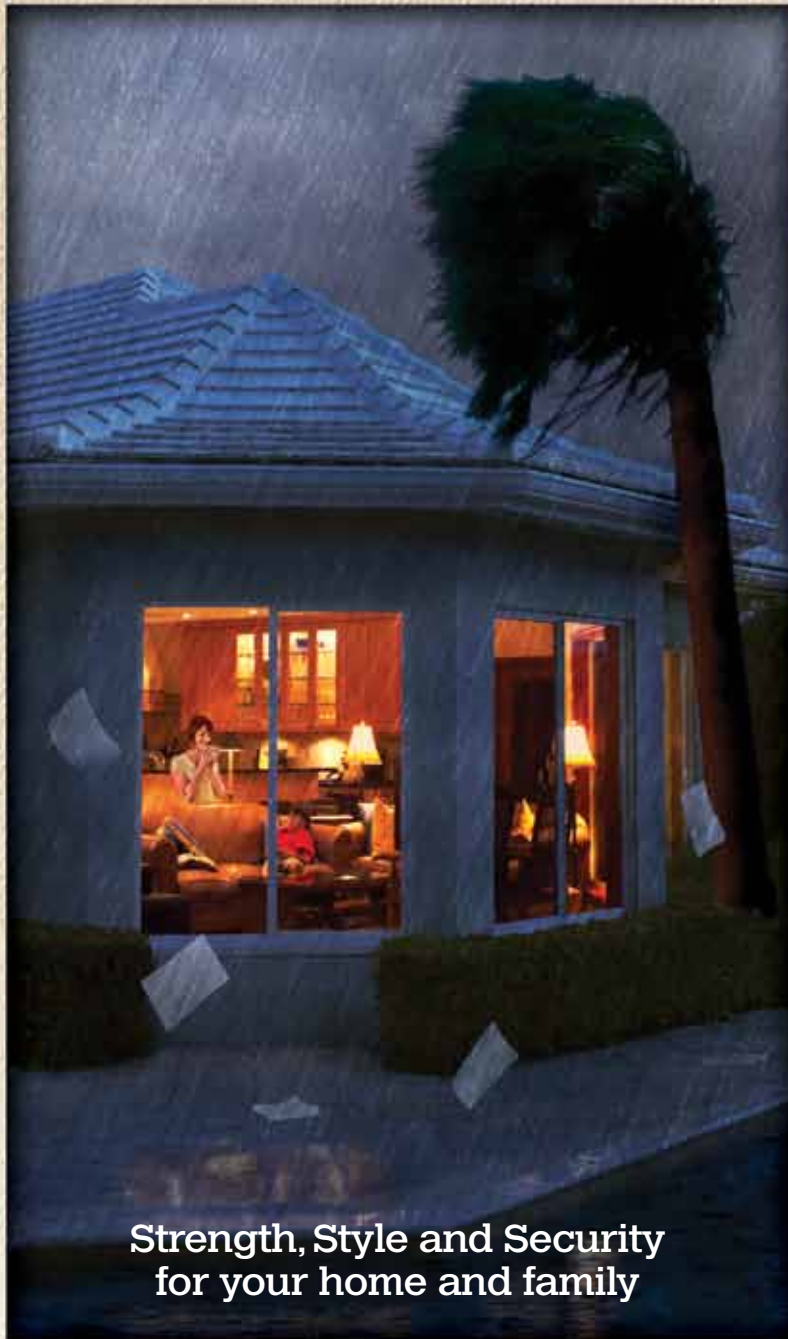


Sentinel

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 

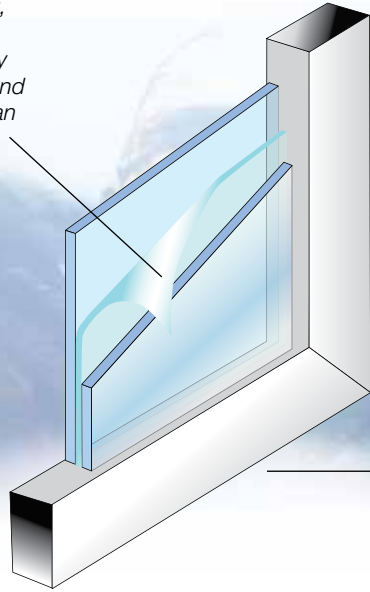


The historic Breakers Hotel chose CGI windows

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.

Safety, Security & Protection with CGI Laminated Glass

A clear laminate interlayer sandwiched between two glass panes resists impact, intrusion, significantly reduces noise, dramatically reduces harmful UV rays and is more energy efficient than single pane glass.



With Sentinel you get up to 30% thicker aluminum extrusions for amazing strength.



It's not a question of if, but when

With the significant losses from recent hurricanes, it is a smart investment to protect your property and family with an approved and tested product like Sentinel. It's not just the category 5 storms that do the most damage; some of the most costly storms on record were rated category 3.

Superior protection can prevent losses

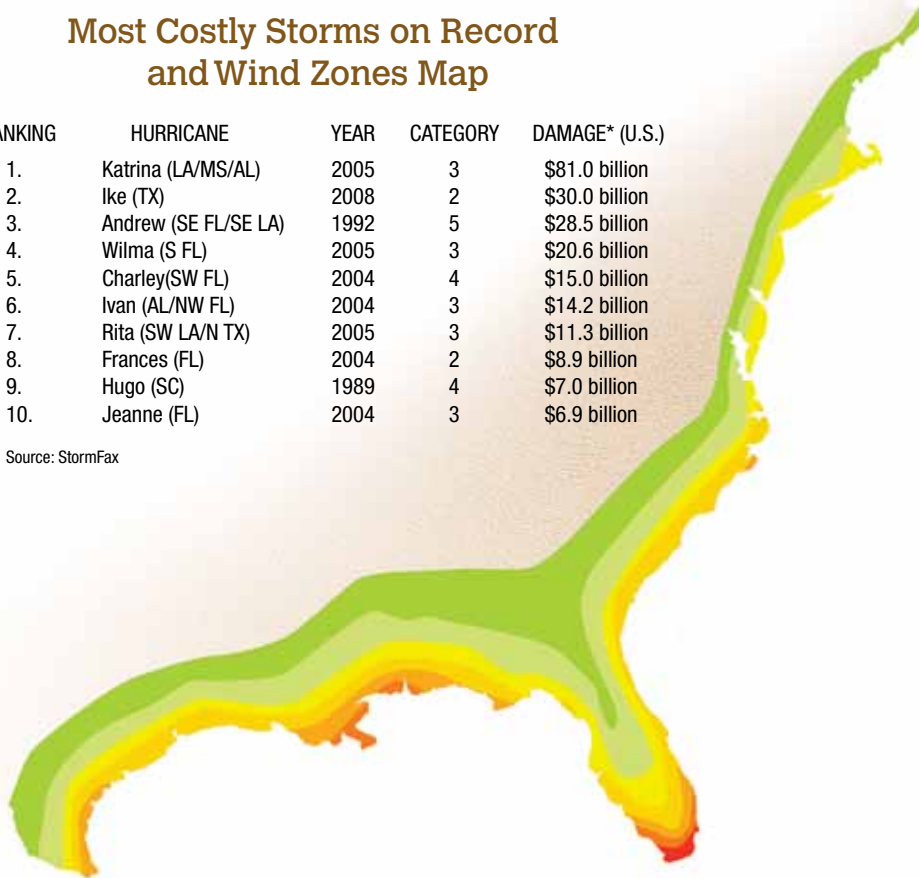
Sentinel impact resistant windows and doors offer excellent protection against hurricane winds and wind borne debris, Sentinel also provides 24/7 intruder resistance and blocks 99% of ultraviolet rays from damaging your furnishings.

A Louisiana State University study following Hurricane Katrina concluded that if appropriate building codes had been in place and enforced, that losses would have been reduced by up to 75%. The study also indicated that one of the most important investments in hurricane protection is windows and doors.

Most Costly Storms on Record and Wind Zones Map

RANKING	HURRICANE	YEAR	CATEGORY	DAMAGE* (U.S.)
1.	Katrina (LA/MS/AL)	2005	3	\$81.0 billion
2.	Ike (TX)	2008	2	\$30.0 billion
3.	Andrew (SE FL/SE LA)	1992	5	\$28.5 billion
4.	Wilma (S FL)	2005	3	\$20.6 billion
5.	Charley(SW FL)	2004	4	\$15.0 billion
6.	Ivan (AL/NW FL)	2004	3	\$14.2 billion
7.	Rita (SW LA/N TX)	2005	3	\$11.3 billion
8.	Frances (FL)	2004	2	\$8.9 billion
9.	Hugo (SC)	1989	4	\$7.0 billion
10.	Jeanne (FL)	2004	3	\$6.9 billion

Source: StormFax



Wind gust speeds



24/7 Protection with the Strength of Sentinel Aluminum Windows and Doors

Why Sentinel by CGI vs. shutters?

When you are evaluating hurricane protection options such as impact windows versus shutters, there are several factors you should consider:

1. Do you live in the home year round? If not, who will put up the shutters when you are not there?
2. Are you physically capable of installing the shutters by yourself? Are you likely to put the shutters up if a storm comes?
3. Do you like the look of roll-down or accordion shutters mounted to the exterior of your house?
4. Is energy efficiency important to you?
Shutter systems do not provide you with energy savings like Sentinel impact resistant windows and doors.
5. How important is home security to you?
Unlike shutters, impact resistant windows and doors provide 24/7 protection against intrusion.

6. With Sentinel impact windows and doors you will enjoy a significant reduction in outside noise and 99% of ultraviolet rays will be eliminated.
7. What about safety? Oftentimes shutters remain installed after a hurricane, blocking egress in the event of a fire. Also, during a hurricane closed shutters block outside light and visibility.
8. Consider what happens if a shutter fails. If glass behind the shutter breaks, the house "envelope" is breached possibly resulting in a catastrophic building failure.
9. Leaving the shutters up while gone invites potential burglars.

Why Aluminum?

Sentinel windows and doors are made with aluminum for the following reasons:

1. Sentinel aluminum window and door frames and sash are among the strongest designs available.

2. Wood and vinyl degrade in the harsh southern climate of high humidity and sun. Why take the chance?
3. Aluminum is a recyclable green product.
4. Sentinel aluminum windows and doors provide years of protection, proven by years of installations in hurricane prone areas.
5. Sentinel products are factory finished and require minimal maintenance.

Sentinel Meets the Threat

Sentinel has passed the most rigorous standards. The Miami-Dade county and Florida building codes are considered among the toughest in the industry. Of course this is for a good reason. CGI is located in an area affected by some of the strongest hurricanes ever recorded.



The Sentinel Advantage

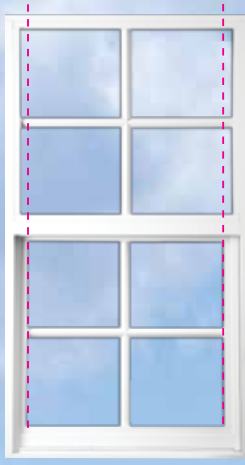
by  Impact Resistant Windows & Doors

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



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

Architecturally correct sight lines



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

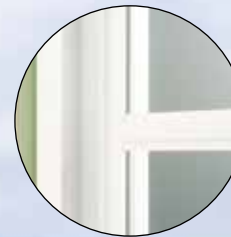


SENTINEL
CGI offers superior frame construction design because we fasten our frame corners using three #10 1 1/4 inch stainless steel fasteners while others use only two smaller #8 1-inch galvanized screws

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

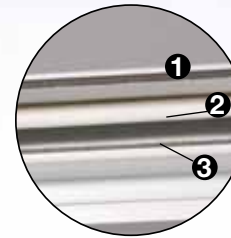


SENTINEL
Superior captured bottom rail u-frame design for improved strength and protection from water infiltration versus open L-shaped designs

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.



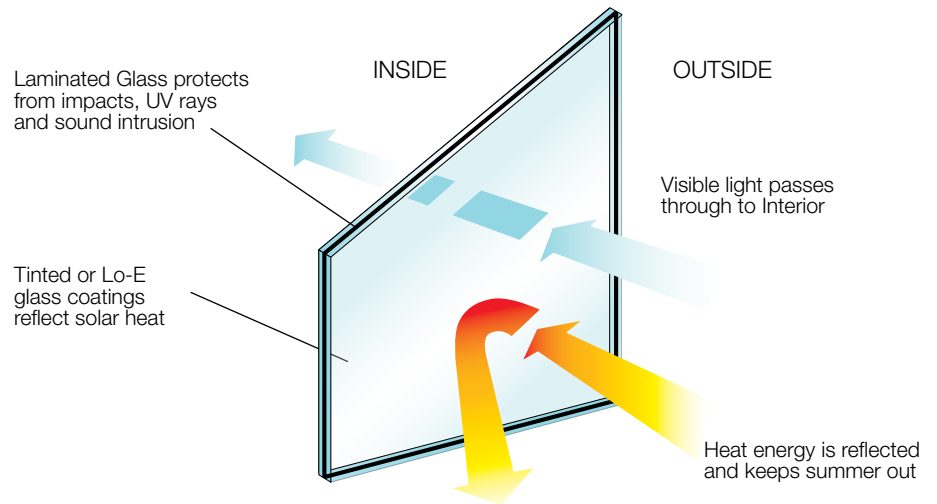
Superior Warranty Coverage

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

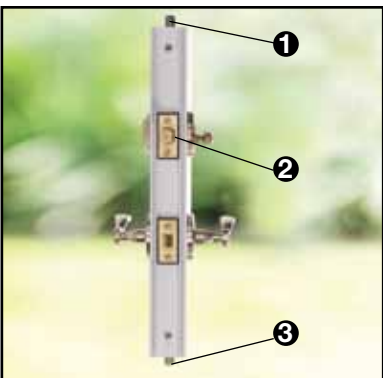
Super View™ Screen



Sash (Egress) and optional Sweep Lock



Semi-Contoured Muntins



Three Point Locking System

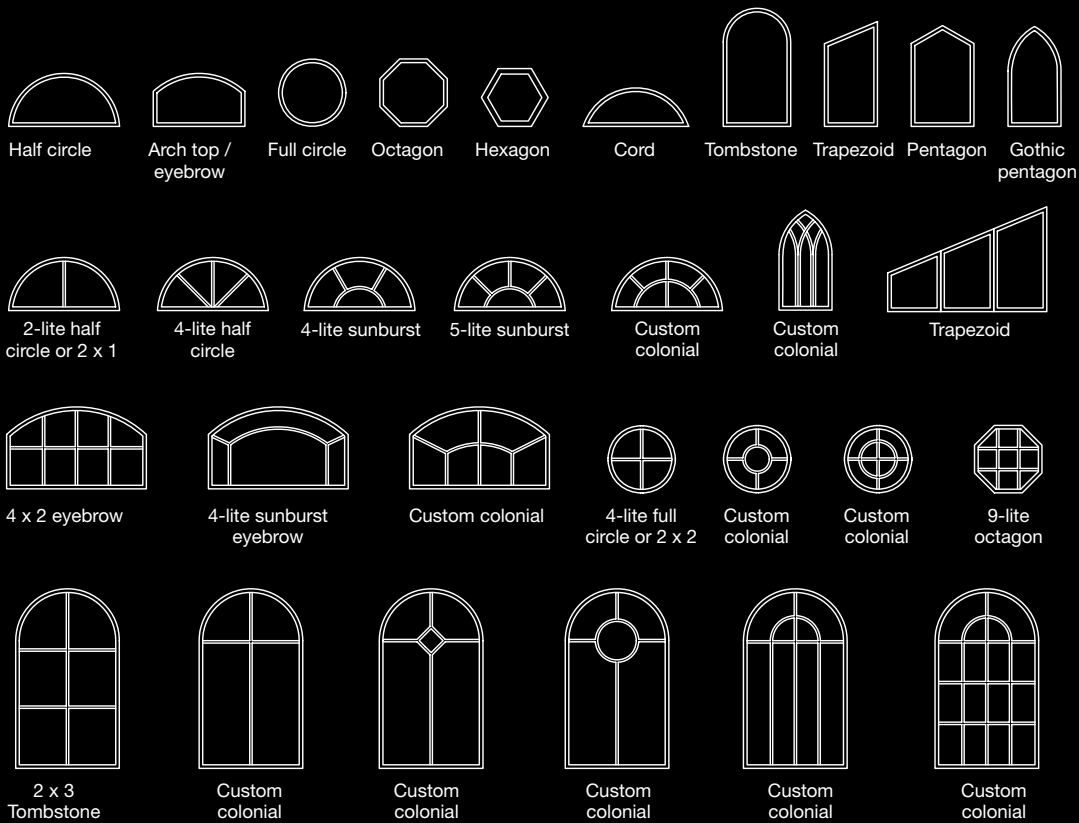


Sliding Glass Door Mitered Corner



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



ESTATE COLLECTION

Impact Resistant Windows & Doors

Sentinel

by  Impact Resistant
Windows & Doors



ESTATE ENTRANCES

Peace of mind has never looked so good



Commercial Series

Impact Resistant Windows & Doors

For additional information including a Sentinel dealer nearest you,
call 1-800-442-9042 or visit our website at www.cgjwindows.com



**Impact Resistant
Windows & Doors**
WE'RE STRONGER™

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