



SENTINEL

# STRENGTH & SECURITY YOU CAN TRUST.

IMPACT-RESISTANT WINDOWS & DOORS



# PROTECTION BUILDERS AND HOMEOWNERS PREFER.

Windows and doors that elevate the safety and style of your property — that's what Sentinel by CGI® is all about. A complete line of aluminum impact-resistant products, the Sentinel line is trusted and preferred by building professionals and homeowners who want aesthetically enhancing and reliable hurricane protection that can withstand even the most extreme coastal weather conditions.



**SENTINEL**





SENTINEL CASEMENT WINDOW 238SN



# YEAR-ROUND BENEFITS THAT GO BEYOND STORM SEASON.®

Sentinel windows and doors are built for strength and are regularly tested to provide advanced, reliable protection against hurricane-force winds. However, the benefits don't stop there. From improved security to increased energy efficiency, Sentinel offers many additional property enhancements.



## BETTER SECURITY

The same high-quality construction that keeps your property safe from hurricanes also adds a layer of protection against break-ins. Even if struck with a heavy object, Sentinel laminated impact glass stays attached to the frame.



## SOUND ABATEMENT

One of the most appreciated benefits of impact glass is decreased outside noise. Impact glass absorbs sound rather than transmit it, so common nuisances like car alarms and loud music are less disruptive. In a recent survey, 63% of those who had installed impact-resistant windows said they rarely or never hear outside noise.\*



## INCREASED HOME VALUE

Replacing older windows with Sentinel impact-resistant products can potentially increase the resale value of your property. One study even showed that more than 90% of homeowners reported an increase in their home value after purchasing impact-resistant windows.\* This popular home improvement can also lower property insurance premiums.



## LOWER ENERGY BILLS

Sentinel products can provide more stable indoor temperatures with energy-saving options. In fact, homeowners with impact-resistant windows and doors saw an average decrease of more than 10% on their monthly energy bills.\* Tints, insulated glass, and Low-E coatings can make a significant difference, depending upon your region.



## UV RAY REDUCTION

Sunlight can wreak havoc on home furnishings, causing fading over time. Sentinel's laminated impact glass can virtually eliminate damaging UV rays, blocking them by up to 99% to keep your interiors looking nicer longer.

**Sentinel windows and doors pass the Large Missile Test, which ensures that they can withstand two impacts from a 2x4 missile weighing 9 pounds shot from a cannon at 50 feet per second.**

# HIGH PERFORMANCE AND AESTHETICALLY ENHANCING.

At CGI®, we've built our reputation as a premier manufacturer of impact-resistant windows and doors. Our high-performance Sentinel products provide strength and style that meet your needs with plenty of options to surpass your expectations.



## QUALITY

We create exceptionally built doors and windows.  
No corners cut. Ever.



## PASSION

We have passion for our products, for our partnerships,  
and for protecting those who rely on our products.



## WARRANTY PROTECTION

We're so confident in our products, we offer a limited but  
comprehensive warranty to protect your investment.

## SENTINEL FIXED LITE PICTURE WINDOW 130



## SENTINEL PRODUCT FEATURES

- Ideal for new construction or remodels
- Powder-coated white, bronze, or clear anodized finish
- Laminated or laminated insulating glass options
- Glass tints in clear, gray, dark gray (turtle code), bronze, solexia green, white interlayer, mist (pattern 62), rain, azuria
- High-performance energy coatings
- Stainless-steel assembly screws
- Super View™ screen with clearer views comes standard\*
- Muntin types/configurations:
  - Low profile or semi-contoured (exterior only)
  - Standard patterns

\*Excludes the Fixed Lite Picture Window 130, Sliding Glass Door 150, and French Door 160.

RIGOROUSLY  
TESTED TO  
WORK FOR YOU.

CGI





### SINGLE HUNG

110

- White
- Standard grid
- Equal style

Sentinel windows and doors are regularly tested, certified, approved, and rated by the industry's most recognized associations, including:

- Miami-Dade Notice of Acceptance
- Florida Product Approval
- National Fenestration Rating Council® (NFRC)
- Sound Transmission Class (STC)
- Outdoor-Indoor Transmission Class (OITC)

At CGI®, we proudly stand behind our products. All Sentinel windows and doors provide a comprehensive warranty that includes:

- A 10-year warranty\* on the frame and laminated glass unit
- Limited lifetime warranty on the insulating glass unit
- Unlimited transfers of warranty coverage to new residential homeowners



**WE GUARANTEE  
SENTINEL'S POWER  
TO PROTECT.**

**CGI® will reimburse up to \$1,000 on the property owner's insurance deductible if an intruder enters the property through the locked pane of impact-resistant\*\* glass.**

\*Frames with a 2605 paint finish receive a 20-year warranty on the frame.

\*\*Impact glass must meet Missile Class D rating.

# PRODUCTS



SENTINEL

**SENTINEL** SINGLE HUNG WINDOW 110 & SLIDING GLASS DOOR 150





**SENTINEL** SINGLE HUNG WINDOW 110 & FIXED LITE PICTURE DESIGNER WINDOW 130

# SINGLE HUNG WINDOW 110



SENTINEL SINGLE HUNG WINDOW 110 & SLIDING GLASS DOOR 150

## PRODUCT FEATURES

- Equal sightlines for enhanced aesthetics
  - Flush-mounted frame is designed to be even with your wall
  - U-framed captured bottom rail with triple weatherstripping prevents air infiltration, and weep sill allows water to exit
  - Hidden block and tackle balances (on most sizes) provides a cleaner look
  - Strong structural glazing acts as a framing system to support the glass
  - Extruded screen frame for added strength
  - 2 ½" frame depth for easier install
  - Max design pressure:
    - Large Missile: +80/-85
    - Small Missile: +80/-134
  - Max size: 53 ⅞" x 76"
- Optional items:**
- Sweep lock mounted on meeting rail
  - Proview/Oriel styles
  - Flange, fin, or equal leg installations

# HORIZONTAL ROLLING WINDOW 120



## PRODUCT FEATURES

- Two- and three-lite configurations available
  - Flush-mounted frame is designed to be even with your wall
  - Double weatherstripping prevents air infiltration, and weep sill allows water to exit
  - Strong structural glazing acts as a framing system to support the glass
  - Extruded screen frame for added strength
  - 2 1/2" frame depth for easier install
  - Max design pressure:
    - Large Missile - Flange and Equal Leg: +80/-90
    - Large Missile - Integral Fin: +80/-80
    - Small Missile - all frame types: +80/-125
  - Max size: 2 panel 74" x 63", 3 panel 111" x 63"
- Optional items:**
- Sweep lock mounted on meeting rail
  - Flange, fin, or equal leg installations



SENTINEL HORIZONTAL ROLLING WINDOW 120



**SENTINEL** FIXED LITE PICTURE WINDOW 130

# FIXED LITE PICTURE WINDOW/ DESIGNER 130



## PRODUCT FEATURES

- Non-operating window that maximizes your view
- Typically complements other windows or can be used by itself
- 2 ½" frame depth for easier install
- Max design pressure:
  - Large Missile: +80/-80
  - Small Missile: +100/-120
- Max size: 33 sq. ft.
- Designer Fixed Lite Picture Window is available in the popular shapes shown below
- Flange, fin, or equal leg installations



**HALF  
CIRCLE**



**ARCH TOP/  
EYEBROW**



**FULL  
CIRCLE**



**OCTAGON**



**HEXAGON**



**CHORD**



**TOMBSTONE**



**PENTAGON**



**GOTHIC  
PENTAGON**



**TRAPEZOID**

# CASEMENT WINDOW 238SN



SENTINEL CASEMENT WINDOW 238SN & SLIDING GLASS DOOR 150

## PRODUCT FEATURES

- Opens outward from the side with a handle
- Extruded screen frame for added strength
- Double weatherstripping to prevent air infiltration
- 2 3/8" frame depth for easier install
- Max design pressure: +110/-195 PSF
- Max size: Range from 42" x 60" to 32" x 84"
- Dual lock design provides tamper-resistant locks for enhanced security
- Flange or equal leg installations
- Collapsible handle does not interfere with blinds

### Optional items:

- Restrict opening device to limit the ability to open the window beyond a designed dimension



SENTINEL CASEMENT WINDOW 238SN & FRENCH DOOR 160



**SENTINEL** PROJECT OUT WINDOW 238SN, CASEMENT WINDOW 238SN & SINGLE HUNG 110

## PROJECT OUT/ AWNING WINDOW 238SN



### PRODUCT FEATURES

- Opens outward from the bottom with a handle
  - Extruded screen frame for added strength
  - Double weatherstripping to prevent air infiltration
  - 2 3/8" frame depth for easier install
  - Max design pressure: +110/-195 PSF
  - Max size: From 24" x 84" to 84" x 28"
  - Dual lock design provides tamper-resistant locks for enhanced security
  - Flange or equal leg installations
  - Collapsible handle does not interfere with blinds
- Optional items:**
- Restrict opening device to limit the ability to open the window beyond a designed dimension

# SLIDING GLASS DOOR 150



## PRODUCT FEATURES

- Two-, three-, four-track, and pocketed configurations
- Decorative interior corners provide clean appearance
- Extruded screen frame for added strength
- Two-point locking system for more security
- 4 3/4" frame depth on 2 track for easier retrofit installation
- Max design pressure: +80/-80 PSF
- Max size: 4' x 10' panels

### Optional items:

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



**SENTINEL** SLIDING GLASS DOOR 150



**SENTINEL** FRENCH DOOR 160 & FIXED LITE PICTURE WINDOW 130

# FRENCH DOOR 160



SENTINEL FRENCH DOOR 160, SINGLE HUNG WINDOW 110, CASEMENT WINDOW 238SN

## PRODUCT FEATURES

- Outswing configuration
  - Patented three-point locking system for more security
  - Triple weatherstripping to prevent air infiltration
  - Square or slanted sill cover
  - 4" frame depth for easy retrofit install
  - Max design pressure: +80/-80 PSF
  - Max size: 3' x 8' panels
- Optional items:**
- Brushed satin, Tuscan bronze, or polished brass lever handles
  - Free-standing and self-mating sidelites

# BALCONY BREEZE/ CABANA DOOR 165



## PRODUCT FEATURES

- Outswing or inswing configurations
- Triple weatherstripping to prevent air infiltration
- Optional items:
  - Satin nickel PVD, Venetian bronze, or Polished brass PVD lever handles
  - Muntins between the glass or double applied
  - Extruded aluminum screen
- Integrated Single Hung window can be located either at the top or bottom of the door
- 4 1/2" frame depth for easy installation for both retrofit or new applications
- Max design pressure: +90/-110 PSF

SENTINEL BALCONY BREEZE/CABANA DOOR 165

STRENGTH & SECURITY  
YOU CAN TRUST



SENTINEL

LEARN MORE AT: [CGIWINDOWS.COM/SENTINEL](http://CGIWINDOWS.COM/SENTINEL)



INVENT. BUILD. DELIVER.

A national manufacturer of premium windows and doors whose technically advanced products can withstand some of the toughest weather conditions on earth and are revolutionizing the way people live by unifying indoor and outdoor living spaces.

THE PGT INNOVATIONS FAMILY OF BRANDS

