



**ZT DOORS**

IMPACT WINDOWS & DOORS

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HURRICANE GUARD

# Vinyl Impact Spec Sheet

Styles, sizes and performance details across the vinyl impact line, on one sheet.

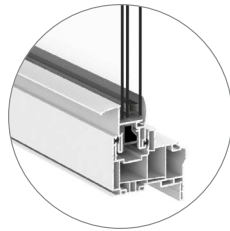
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**(727) 591-2777**  
**ztdoorsusa.com**

6135 142nd Ave N Ste B, Clearwater, FL 33760  
Contact us for pricing.

# Hurricane Guard

Our highest rated vinyl impact product for Florida's stringent requirements with exceptional everyday performance.



- **Easy hurricane protection**

Give your customer peace of mind with CWS Hurricane Guard impact-resistant windows and patio doors, tested to withstand Florida hurricanes and the most stringent coastal requirements. CWS Hurricane Guard has options that will meet the requirements of nearly any project and will help protect your customer's home and everything inside. No additional storm preparation is required for our products, simply close and lock them.<sup>1</sup> It's that simple.

- **Built for Florida and the HVHZ**

CWS brings the right products to the right locations. CWS Hurricane Guard offers options tested to meet or exceed the strictest requirements of the Florida Building Code. Select options are rated to be installed in all coastal areas, including the High Velocity Hurricane Zone (HVHZ). CWS Hurricane Guard is our highest-rated and most complete hurricane impact-resistant product line.

- **Intentionally strong and energy efficient frame**

With up to 16 insulating chambers and recessed sash design, our windows have been intentionally designed for structural strength, storm safety, comfort and energy efficiency. Our windows with laminated glass block nearly 100% of UV rays.

- **Improved protection from intruders and noise**

Impact glass reduces more noise than standard glass, from the storm to everyday nuisances like traffic. Deter intruders with shatter-resistant, laminated glass and our recessed sash design on single-hung and sliding windows and anti-lift blocks on sliding patio doors.

- **Full product offering**

Our wide array of product styles, sizes, shapes and configurations offer the right product for virtually every project. Choose from numerous product styles, shapes and the smallest 8" window to the largest 40' doors to meet your project needs.

- **Easy and accurate installation**

Factory-drilled installation locations based on testing and requirements to create an easy and accurate installation experience.

- **Testing beyond requirements**

Choose CWS Hurricane Guard windows with confidence. At CWS, our products are tested to meet or exceed industry requirements, testing not only the entire window for strength and durability, but individual parts as well. Ensuring long-lasting performance to reduce call-backs for you.

- **Limited lifetime warranty**

CWS products are backed by some of the strongest warranties in the business. See written limited warranty for details, including exceptions and limitations, at [cws.cc/downloads/](http://cws.cc/downloads/).

AVAILABLE IN THESE WINDOW & PATIO DOOR STYLES:



Special shapes also available.

<sup>1</sup>See b

PRODUCT SPECIFICATIONS

| WINDOW AND PATIO DOOR STYLES | MIN. WIDTH | MIN. HEIGHT | MAX. WIDTH | MAX. HEIGHT | DESIGN PRESSURE | PERFORMANCE VALUES |           |      |                                                 |
|------------------------------|------------|-------------|------------|-------------|-----------------|--------------------|-----------|------|-------------------------------------------------|
|                              |            |             |            |             |                 | U-FACTOR           | SHGC      | HVHZ | FL #                                            |
| SINGLE-HUNG                  | 13.5"      | 21"         | 52"        | 96"         | +/-50 - +/-70   | .30 - .49          | .13 - .48 | Yes  | 4091, 5823, 18689, 17647, 16177, 17339          |
| SLIDING                      | 21"        | 13.5"       | 125.625"   | 63"         | +/-35 - +/-60   | .30 - .50          | .13 - .61 | Yes  | 4092, 16735, 16736                              |
| CASEMENT                     | 17.875"    | 20"         | 37"        | 72"         | +/-60 - +/-70   | .26 - .47          | .11 - .51 | Yes  | 4452, 6890, 17388                               |
| AWNING                       | 20"        | 17.875"     | 48"        | 36"         | +/-65 - +/-67.5 | .26 - .43          | .10 - .51 | Yes  | 15032, 7060                                     |
| DIRECT SET                   | 10.5"      | 12"         | 84"        | 96"         | +/-40 - +/-75   | .23 - .50          | .13 - .68 | Yes  | 4093, 13010, 17387                              |
| SPECIAL SHAPES               | 8"         | 12"         | 96"        | 120"        | +/-40 - +/-75   | .23 - .50          | .13 - .68 | Yes  | 4093, 13010, 17387                              |
| SLIDING PATIO DOOR           | 59.5"      | 79.5"       | 190.125"   | 95.5"       | +/-55 - +/-70   | .26 - .73          | .11 - .68 | Yes  | 13241, 18561, 14849, 11103, 17338, 10272, 14848 |
| HINGED PATIO DOOR            | 47.5"      | 79.5"       | 77"        | 96"         | +/-60           | .36 - .59          | .12 - .49 | No   | 47479                                           |
| MULTISLIDE PATIO DOOR        | 50.735"    | 36"         | 580.0421"  | 120"        | +/-65 - +/-80   | .30 - .50          | .12 - .53 | Yes  | 20834, 20838                                    |

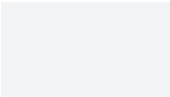
Window sizes available in 1/8" increments  
Special shapes available. For more information regarding performance, specific sizes, glazings tested and frame and installation types, visit cws.cc.

Colors & Finishes

Frame Color

Create a signature look with a solid-color frame. A solid color throughout the vinyl formula keeps minor dings and scratches virtually invisible. Or add design interest with dual-color frames, featuring White interior frame and a Bronze exterior or White interior frame and a Black exterior.

Solid-Colors:



White



Bronze

Dual-Colors:



Bronze/White

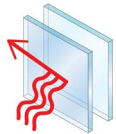


Black/White

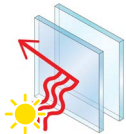
Glass Options

Low-E Glass

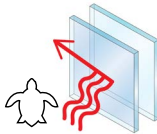
Our glass collection offers energy saving choices to keep your home comfortable year-round.



Low-E 270



Low-E 366



Low-E 340

Additional Glass Options

Additional glass options provide added benefits, such as more strength, improved energy efficiency or additional design options.

- Low-E 366 Neat® Glass
- Gray-Tinted
- Rain
- Frosted
- Obscure
- Tempered

Grilles

Grilles Types

Grilles are color-matched to your window or patio door interior and exterior frame color.

Grilles-Between-the-Glass:



Contour 1"



Contour 3/4"



Flat 5/8"

Exterior Applied Grilles with Grilles-Between-the-Glass:



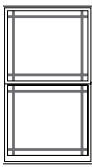
7/8" Contour Exterior Applied Grille with 1" Contour Grilles-Between-the-Glass

Grille Patterns

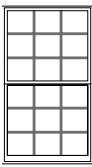
Choose from one of our standard grille patterns or create a unique look with custom patterns.<sup>2</sup>



6-Lite Prairie



9-Lite Prairie



Traditional



Top Row



Custom

Window Hardware

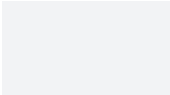
Casement & Awning

Low-profile handle creates a clean look inside your home. Stainless steel hinges and a zinc fold-away crank withstand harsh coastal spray.



Fold-Away Crank

Color-Matched Finishes:



White



Bronze

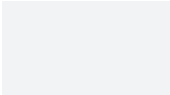
Sliding & Single-Hung

AutoLock hardware automatically locks the window when it is shut, simply close the sash and confirm it latches.



AutoLock

Color-Matched Finishes:



White



Bronze

<sup>2</sup>See b

# Patio Door Hardware

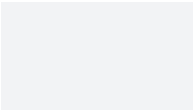
## Sliding and Multi-Slide Patio Door

Stainless steel hardware withstands harsh coastal salt spray. Recessed patio door handle also available for multi-slide patio doors.



Sliding and Multi-Slide  
Patio Door Handle

Color-Matched Finishes:



White



Bronze



Black



Hinged Patio Door Handle<sup>3</sup>

Additional Finishes:<sup>4</sup>



Satin Nickel



Oil-Rubbed Bronze

# Screens<sup>5</sup>

## BetterVue® Window Screen

Roll form or extruded screen available. BetterVue offers 10% better insect protection, 20% better airflow and 10% clearer view.<sup>6</sup> The BetterVue screen will not rust, corrode or stain.

**NOTE:** Product specifications may change without notice.

Actual colors may vary from those shown and products may vary slightly from illustrations and photos.

Want to learn more? Call us at 800-327-3086 or visit [cws.cc](https://cws.cc) to find an authorized dealer.

<sup>1</sup> No additional preparation needed to comply with most local impact requirements.

<sup>2</sup> Grille patterns offered may vary per product. See specific product information for availability.

<sup>3</sup> Hinged patio door handle available in White, Black, Satin Nickel and Oil-Rubbed Bronze only.

<sup>4</sup> Available on hinged patio door handles only.

<sup>5</sup> Warning: Screens will not stop children or pets from falling out of window or door. Keep children or pets away from open window or door.

<sup>6</sup> Improved airflow is based on calculated screen cloth openness. Screen cloth transmittance was measured using an integrated sphere spectrophotometer.