

Steelcraft® windstorm doors

Whether you're in a coastal area subject to hurricane-force storms, or in one of the many areas across the country at risk for tornadoes, Steelcraft has a tough, dependable door system that can take whatever nature dishes out.

Steelcraft's windstorm doors—which include the [H Series](#) and the [HE Series](#) for hurricane zones requiring wind and impact resistance and the [Paladin PW Series](#) for tornadoes—can be installed in practically any application, including education, healthcare, government, multi-family and commercial facilities.

What is used and where depends largely on the hurricane and tornado codes in your area. Many coastal states have hurricane code requirements for most building types. And, in recent years, many states have adopted tornado codes—particularly for schools and community shelters—that require certain types of doors, locks and other hardware.




The good news: Steelcraft has products that meet and exceed these growing code requirements.

Performance-tested

Steelcraft hurricane doors (H/HE Series) endure extensive performance tests to meet the Florida Building Code (FBC) and the South Florida Building Code (SFBC). The specific test protocols called for within these codes are TAS 201, 202 and 203. To protect the general public from the extreme effects of tornadoes, the Paladin PW Series is designed to meet FEMA 361/320 guidelines and ICC 500 testing standards.

When you specify a Steelcraft severe weather door, you get a door that withstands the wind-borne debris impact, structural load and cyclic wind pressure tests prescribed by code.

- Hurricane: Tested to withstand windspeeds greater than 140 mph and 9lb-projectile impacts at 34 mph
- Tornado: Tested to withstand 250 mph winds and multiple 15lb-projectile impacts at 100 mph

	Steelcraft Doors
 Tornado	Paladin (PW)
 Hurricane Wind & Impact	Hurricane (H) Hurricane embossed (HE)
 Hurricane Wind-only (non-impact)	B, L, T, CE

The complete solution

As a member of the Allegion family of brands, Steelcraft is part of a complete, performance-tested, windstorm solution set, which also includes Schlage® locks and Von Duprin® exit devices. In addition to testing our doors, we test the strength and durability of the entire assembly.

To your specifications

We test our doors in multiple configurations to give architects, designers and building owners a wide set of choices for specific applications.

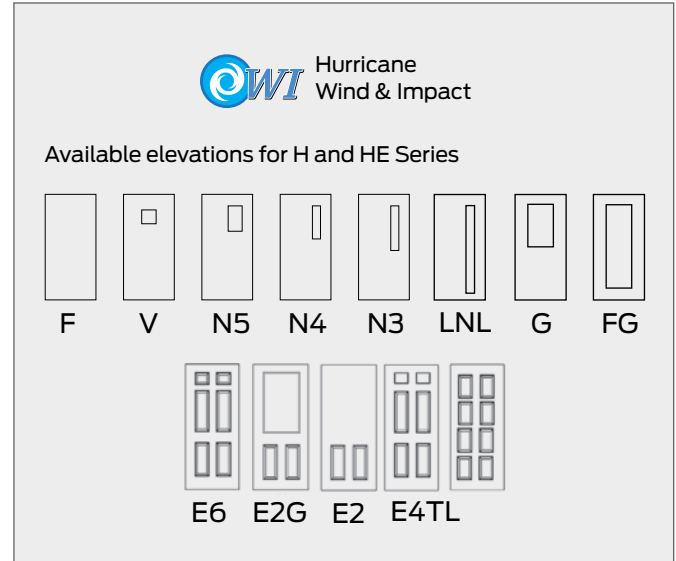
Steelcraft windstorm solutions

H Series

- Specifiable options: glass lights, transom and sidelights, louvers, exit hardware, cylindrical or mortise single point locks, plus a variety of door core and edge construction options
- A-60 Galvannealed steel face sheets
- Core systems that enhance structural integrity:
 - Honeycomb (Standard) – 1" (25mm) cell kraft honeycomb configuration that increases structural integrity and reduces overall weight
 - Polystyrene (optional) – enhanced thermal performance
 - Polyurethane (optional) – extreme thermal performance
 - Mineral Board (optional) – rigid, temperature rise control
 - Steel Stiffened (optional) – welded hat section stiffeners
 - Standard 3/8" undercut to accommodate hurricane code requirements
- Recessed Designer™ Glass Trim for a clean, flush finish with the door surface
- Factory-applied, baked-on, rust-inhibiting primer paint in accordance with ANSI A250.10-1998 (R2004)

HE Series (Embossed Series)

- Specifiable options: mechanical and electrical hardware preparations for exit hardware, cylindrical or mortise single-point and double locks
- A-40 Galvannealed steel face sheets
- Standard polystyrene core for a stronger door and better thermal capacity
- Standard 3/8" undercut to accommodate hurricane code requirements
- Factory-applied, baked-on, rust-inhibiting primer paint in accordance with ANSI A250.10-1998 (R2004)

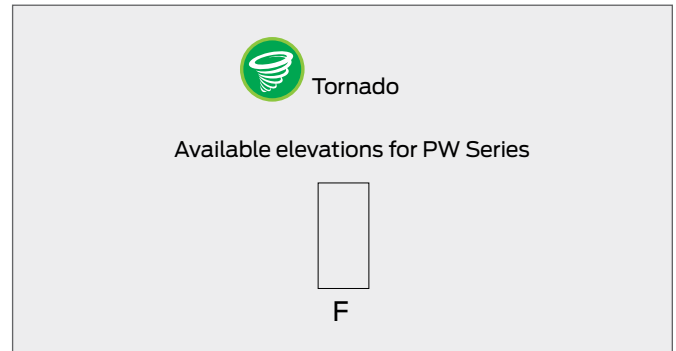




Paladin PW Series

- Unique, engineered designs combined with the durability of superior corrosive-resistant steel
- Specifiable options: mechanical and electrical hardware preparations for exit hardware
- Steel Stiffened core construction with 18 Gage (0.042") stiffeners welded to each face sheet
- Full Height, Epoxy Filled Mechanical Interlock Edges at lock and hinge edges with edge seams welded, filled and ground smooth for structural support and stability the full height of the door
- Full Height Lock Side Reinforcement Channel ensures structural stability under extreme pressure
- Factory-applied, baked-on, rust-inhibiting primer paint in accordance with ANSI A250.10-1998 (R2004)
- Standard A-60 Galvannealed Steel face sheets for superior corrosion resistance on exterior openings

Learn more about how Steelcraft doors can meet your windstorm needs by [contacting an Allegion spec writer](#) (or calling 877-929-4350).



About Allegion

Allegion (NYSE: ALLE) helps keep people safe and secure where they live, work and visit. A \$2 billion leading provider of security products and solutions, Allegion offers products under 23 brands in more than 120 countries. Allegion's portfolio includes CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. For more, visit www.allegion.com.