

StormPro® Hurricane and Tornado Resistant

Hurricane and Tornado Shelter Impact Protective System UL Listed to ICC 500



StormPro Hurricane and Tornado Impact Protective System from Ceco Door are designed to withstand debris from hurricane and tornado-force winds and can help save lives.

The extra heavy duty StormPro Hurricane and Tornado resistant assemblies are a combination of hurricane and tornado shelter impact protective systems that are Underwriters Laboratories (UL) listed to ICC-500 and approved by the Florida Building Commission (FBC).

Building owners in hurricane and tornado-prone areas must take proper precautions to protect occupants. Damage can be caused by flying debris (referred to as wind borne missiles). If wind speeds are high enough, missiles can be propelled at a building with enough force to penetrate windows, walls or the roof. An object such as a 2" x 4" wood stud weighing 15 pounds, when carried by a 250-mph wind, can have a horizontal speed of 100-mph. The resulting impact force will penetrate the most commonly used building materials.

StormPro Hurricane and Tornado Resistant products are designed to protect against missile penetration of wind borne debris for hurricane and tornado shelters for use in Florida and other severe weather prone areas.

Applications:

- Community Shelters
- Safe Rooms
- Corporate Campuses
- Schools and Government Facilities
- Enhanced Hurricane Protection Areas

Features:

- Underwriters Laboratories (UL) listed to ICC 500 and Approved by the Florida Building Commission (FBC) under FL# 40296
- +/- 227 PSF design pressure with 15-lb lumber 2 x 4 @ 100 mph missile criteria
- Up to 4'0" x 8'0" singles and 8'0" x 8'0" pairs
- Assemblies are UL listed for up to and including 3 hour fire ratings

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Locking Hardware Series Description	Communicating Opening	Configuration	Mullion / Astragal	Min and Max Size
Corbin Russwin FE6600 Series or SARGENT FM7300 Series Multi-point Locks	Yes Optional	Single In Swing Out Swing	N/A	2'8" x 6'8" 4'0" x 8'0"
Corbin Russwin FE6600 Series or SARGENT FM7300 Series Multi-point Locks with SARGENT 988 Series or Corbin Russwin 988CR Series Surface Bolts	Yes Optional	Pair In Swing Out Swing	Flat Plate Astragal Optional	5'4" x 6'8" 8'0" x 8'0"
SARGENT FM8700 or FM-PE8700 Corbin Russwin PED 5400 FE	N/A	Single Out Swing	N/A	3'0" x 6'8" 4'0" x 8'0"
SARGENT FM8700 or FM-PE8700 Corbin Russwin PED 5400 FE	N/A	Pair Out Swing	N/A	6'0" x 6'8" 8'0" x 8'0"
Corbin Russwin FE5400S Series Multi-point Exit	N/A	Single Out Swing	N/A	3'0" x 6'8" 4'0" x 8'0"
Corbin Russwin FE5400S Series Multi-point Exit	N/A	Pair Out Swing	FE707A or FE708A Mullion	6'0" x 6'8" 8'0" x 8'0"

Door Construction:

- StormPro 14 gauge A60 or CRS face sheets (12 ga. optional)
- Steel stiffened core
- UL fire rated up to 3 hours
- Flush only

Frame Construction:

- StormPro 14 gauge A60 or CRS (12 ga. optional), 4" to 14" depth
- KD or welded
- 4" face head option
- Masonry or EO anchors

Hinges:

- McKINNEY SP butt hinges
- Markar HG305, HG305WT10, FM300, FM300WT and other StormPro approved continuous hinges

Accessories:

- StormPro approved door closers, perimeter seals, electronic power transfer, door position switches, holders/stops, viewers, rod guards and kick plates

Approval:

- ICC 500, Standard for the Design, Construction and Performance of Storm Shelters
- Florida Building Code (FBC) under FL# 40296
- 15 Lb. Lumber 2 x 4 Missile Impact at 100 mph
- Design pressure +/- 227 psf

See Ceco Door tech manual for more details

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Experience a safer
and more open world

Corbin Russwin FE6600 and SARGENT FM7300 concealed vertical rods, top and bottom bolts, and mortise lock body cassette must be factory installed in a Ceco StormPro door. All other hardware components are shipped directly from SARGENT or Corbin Russwin and must be installed by a factory trained installer. **Important: do not remove any hardware blocking or filler plates in the door or the frame until the mortise lock is ready to be installed.**

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