

# STORMDEFEND TTH350 TORNADO AND HURRICANE STORM SHELTER DOOR SYSTEM



Innovative door solutions for  
tornado and hurricane protection.

## PRODUCT DESCRIPTION

THIS DOOR SYSTEM IS DESIGNED AND TESTED FOR USE IN TORNADO AND HURRICANE SAFE ROOMS/STORM SHELTERS MEETING **FEMA P361-15** AND **ICC500-14** STANDARDS. IT IS CRITICAL THIS SYSTEM BE USED IN CONJUNCTION WITH EQUIVALENT PERFORMANCE SUBSTRATE/WALL AREAS.

## DIMENSIONS

- Top rail: 7" X 2 $\frac{3}{8}$ "
- Bottom rail: 8 $\frac{1}{2}$ " x 2 $\frac{3}{8}$ "
- Glazing stops: 1 $\frac{3}{4}$ " face
- Medium stile: 5" x 2 $\frac{3}{8}$ "
- Mid Rail: 4 $\frac{1}{2}$ " x 2 $\frac{3}{8}$ "
- Door Frame: 3 $\frac{1}{4}$ " x 6"

## AVAILABLE CONFIGURATIONS

- Single Min Size 3' x 7', Max Size 3'6" x 8'
- Pairs Min Size 6' x 7', Max Size 7' x 8'

## REQUIRED HARDWARE

- Sargent FM8713 Non-Electrified Surface Vertical Rod Exit Device
- Sargent 351 Surface Door Closer
- Pemko FMSLF Continuous Gear Hinge
- Pemko 172A Threshold
- Pemko 18061 Door Bottom Sweep
- Rockwood BFLG1050 Latch Guard Cover
- Sargent HC980 Removable Mullion (pairs)

## OPTIONAL HARDWARE

- Sargent FM8774 Electrified Surface Vertical Rod Exit Device with...
  - 306 Auxiliary Control
  - Electrolynx Harness QC-C1500P Hinge to Power)
  - Electrolynx Harness QC-C012 (Bar to Hinge)
  - Securitron DPS-M-GY Door Position Switch
- Norton 6061 Auto Operator

## FEATURES

- UL Listed and labeled in accordance with ICC500-14
- Glazed with 1.286" TOR-GARD 30 glass
- UL752 Level 3 bullet resistant
- Anodized or painted finishes
- Completely fabricated and shipped fully assembled for easy installation
- Job specific anchorage requirements provided
- Designed for conventional installation and glazing methods

## TESTING / CERTIFICATION

- Tested and certified by UL to meet ICC500-14 and FEMA P-361-15 requirements for use in tornado and hurricane safe rooms and shelters including in the 250mph wind zone. UL Certification #ZHLA.71
- Tested by UL for bullet resistance meeting UL752 Level 3. Proof of testing can be found at [www.ul.com](http://www.ul.com) under on-line listings.

**NOTE:** In accordance with ICC500-14 minimum and maximum sizes of each door configuration require testing. Please contact Insulgard to ensure job specific sizes and configurations fall within testing/certification restraints.

## CONSTRUCTION

- Door and frame components constructed from extruded aluminum 6061-T6 alloy temper or equivalent
- Internal fasteners to be stainless steel type 18-8
- Interior/Exterior glazing gaskets to be EPDM sponge and wedge
- All joints and connections will be tight, providing hairline joints and true alignment of adjacent members
- Anchors to be fully concealed

## APPLICATIONS

- Schools
- Law Enforcement
- Fire and Rescue facilities
- Emergency Operations Centers
- Community Shelters
- Corporate Headquarters
- Storm Shelters
- Safe Rooms