

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 Minimum Size 3' x 7'
- Single Minimum Size (ADA) 3'3"x 7'
- Single Maximim Size 3'6" 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

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 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