

# STORMDEFEND TTH350 TORNADO AND HURRICANE STORM SHELTER DOOR SYSTEM



# DIMENSIONS

- Top rail: 7" X 23/8"
- Bottom rail: 81/2" x 23/8"
- Glazing stops: 1¾" face
- Medium stile: 5" x 23/8"
- Mid Rail: 41/2" x 23/8"
- Door Frame: 31/4" x 6"

#### **AVAILABLE CONFIGURATIONS**

- Single Min Size 3'  $\times$  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

# 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.

# **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

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