

Industry Standards:

ANSI A250.6 Recommended Practice for Hardware Reinforcing

ANSI A250.8 Specifications for Standard Steel Doors & Frames

ANSI A250.10 Test Procedures & Acceptance Criteria for Prime Painted Steel

FEMA 320 (2021) Taking Shelter from the Storm, Building a Safe Room for Your Home or Small Business.

FEMA 361 (2021) Safe Rooms for Tornadoes and Hurricanes, Guidance for Community and Residential Safe Rooms.

ICC 500-2014 ICC/NSSA Standard for the Design and Construction of Storm Shelters.

ICC 500-2020 ICC/NSSA Standard for the Design and Construction of Storm Shelters.

SDI 111 Recommended Details for Standard Steel Doors, Frame, Accessories & Related Components

Fire Rating: Not Fire Rated

Warranty: See “Warranty” Statement for More Details
One Year (365 days) from the date of delivery

Material Types:

- Cold Rolled Steel (ASTM A1008)
- A60 Galvannealed (ASTM A653)

Door Construction:

- Skin Options:
 - 14 Gauge (0.067 min)
- Steel Stiffened Core
 - 22 Gauge (0.026 min) Stiffeners
 - 2.5 lb Density Mineral Fiber Infill
- Top Channel - 12 Gauge (0.093 min)
- Bottom Channel - 12 Gauge (0.093 min)
- Flush Doors Only

Frame Construction:

- 14 Gauge (0.067 min)
- 4-3/4” min Jamb Depth
- Welding Options:
 - Face Welded (FW) (Standard)
 - Full Profile Weld (CW)
- Anchoring Options:
 - Metal Stud Anchors (MSA)
 - Wood Stud Anchor (WSA)
 - Masonry Wire Anchor (MWA)
 - Masonry T-Anchor (MTA)
 - Existing Masonry Anchor (EMA)

Assembly Option #1

- Inswing Only
- Lock Options
 - Securitech ATAR Multipoint Lock (3 Point Lock)
 - Securitech 4340 Multipoint Lock (3 Point Lock)
- Heavy Weight Stainless Steel Butt Hinges
- Closer Mounted on Impact Side Only
 - May Not Be Mounted on Safe Room Side
- Size: 4’-0” x 8’-0” Only
- Design Pressure: +/- 254 PSF

Assembly Option #2

- Outswing Only
- Lock Options
 - Securitech 83TXX-SBD (3 Point SVR)
 - Securitech 83TXX-SBD-HVL (3 Point SVR)
- Heavy Weight Stainless Steel Butt Hinges
- Closer Mounted on Impact Side Only
 - May Not Be Mounted on Safe Room Side
- Size:
 - 2’-0” x 5’-0” min
 - 4’-0” x 8’-0” max
- Design Pressure: +/- 254 PSF

