

Technical Data

FEMA Tornado Assemblies

Tech 404

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

Standards

FEMA 361 Safe Rooms for Tornadoes and Hurricanes, Guidance for Community and Residential Safe Rooms

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

Door Core	22 Gauge (0.026 min) Stiffeners Spot Welded to Face Sheets Additional Gauge Options Available Upon Request Stiffeners Are Equally Spaced With 6" Between Each Set 2.5 lb Density Mineral Fiber Between Stiffeners	
Door Face Gauge	14 Gauge (0.067 min) - ANSI A250.8/SDI 100 Level 4 (Extra Heavy Duty)	
Door Elevation	Flush Doors Only	
Door Edge Type	Bevel Hinge & Lock Edge - 1/8" over 2" (Standard) Square Edge (optional)	
Door Edge Seam	Seamless - Bondo (Standard) - ANSI A250.8/SDI 100 Model 2 Seamless - Continuous Welded (Optional) - ANSI A250.8/SDI 100 Model 2 Open Seam (Optional) - ANSI A250.8/SDI 100 Model 1	
Frame Gauge	14 Gauge (0.067 min)	
Jamb Depth	4 3/4" Min	
Anchors	Existing Masonry Anchor (EMA) Masonry Tee Anchor (MTA) Masonry Adjustable Strap (MAS) Welded Floor Anchor (when used with above anchor) 4 Anchors Up To 7'-6" 5 Anchors Over 7'-6"	
Fire Rating	Not Tested	
Warranty	One Year (365 days) from the date of delivery	
Assembly Option #1	Hardware: Securitech ATAR or Securitech 4340 Multipoint Lock (3 Point Lock) Size: 4'-0" x 8'-0" Only (Singles) Swing: Inswing Only *must use stainless steel hinge screws Hardware: Securitech 8000 Series Multipoint Mortised SVR Lock (3 Point Lock)	
Assembly Option #2	Size: 2'-0" x 5'-0" min—4'-0" x 8'-0" max (Singles) Swing: Outswing Only *must use stainless steel hinge screws	
Reinforcements	Hinge	7 Gauge (0.167 min)
	Lock	11 Gauge (0.108 min)
	Surface Closer	14 Gauge (0.067 min)
	Surface Applied Exit Devices	14 Gauge (0.067 min)



*Hardware by others