**Intertek testing info**

**Rocky Mountain Metals 1400 FEMA Door**

**Product Description:**

Rocky Mountain Metals 1400 FEMA Door is a Tornado Resistant door and frame assembly for installation in exterior walls of storm shelters.

See Also Drawings this section for additional manufacturing information

**Single Swing:  Inswing**

Maximum Nominal Size:  4-0" wide x 9'-0" high

Maximum Overall Frmae Size:  52" x 110"
Maximum Size Door: 47-3/4" x 107-1/4"

Skin: 14 GA  A-40 Galvannealed Steel
Stiffeners: 18 GA A-40 Galvannealed Steel 6 inches oc
Top Channel:  14 GA Inverted / 12 ga Flush Top
Bottom Channel: 12 GA Steel
Hinge Channel: 12 GA Steel
Lock Channel: 12 GA Steel
Box Reinforcement: 14 GA 4" x  length
Closer Reinforcement:  14 gauge 5" x 24"

Welding: Continious Edge Weld 100 % penetration.

Frame: 14 gauge
Frame Reinforcements: 12 gauge at latch bolt locations
Anchoring:  Minimum securement to wall with (10) 3/8" diameter high strength bolts (five per jamb)  or equivalent.
Hanging Hardware: (4) 4.5" Hinges

Latching Hardware: Securitech Model 4340 Mortise deadbold system with Horizontal bottom bolt option.  This latching provides for 3 latch points on the door.

**Door Pair: Outswing**

Maximum Nominal Size:  8-0" wide x 9'-0" high

Maximum Overall Frmae Size:  100" x 110"
Maximum Size Door: 47-3/4" x 107-1/4"

Skin: 14 gauge steel
Stiffeners: 18 gauge steel 6 inches on center
Top Channel: Inverted Channel 12 ga Flush Top
Bottom Channel: 12 gauge
Hinge Channel: 12 gauge
Lock Channel: 12 gauge
Box Reinforcement: 14 gauge 4" x full length
Closer Reinforcement:  14 gauge 5" x 24"

Welding: Continious Edge Weld 100 % penetration.

Frame: 14 gauge
Frame Reinforcements: 12 gauge at latch bolt locations
Anchoring:  Minimum securement to wall with (10) 3/8" diameter high strength bolts (five per jamb)  and (2) 3/8" diameter high strength bolts in the head, or  equivalent.

Hanging Hardware: (8) 4.5" Butt Hinges  (4) per door leaf

Latching Hardware: Securitech Model 8VTXX-SBD Surface Rod or Securitech 7VTXX-IHD (Concealed rod) This 4 point latching with each device having a top and bottom latch point.