**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. 