

**Industry Standards:**

- ANSI A250.4** Physical Endurance Levels of Doors & Frames
- 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
- HMMA 860** Guide Specifications for Hollow Metal Doors & Frames
- HMMA 861** Guide Specifications for Commercial Hollow Metal Doors & Frames
- HMMA 867** Laminated Core Hollow Metal Door
- SDI 111** Recommended Details for Standard Steel Doors, Frame, Accessories & Related Components

**Core:** Stiffeners Spot Welded to Face Sheets, 6” Between Stiffeners.

- Stiffeners:
  - o 22 Gauge (0.026 min) (Standard)
  - o 20 Gauge (0.032 min) – 12 Gauge (0.093) (Optional)
- 12 lb. Density Mineral Fiber Infill  
ASTM C612, ASTM E84, ASTM E136, UL 723

**STC:** STC 41-45, Consult STC Tech Sheet for Additional Data

**Fire Rating:** See “Fire Rating” Section for More Details  
Up to and including 3-Hour, UL 10C, UL9, UL 1784  
Temperature Rise up to 250° F

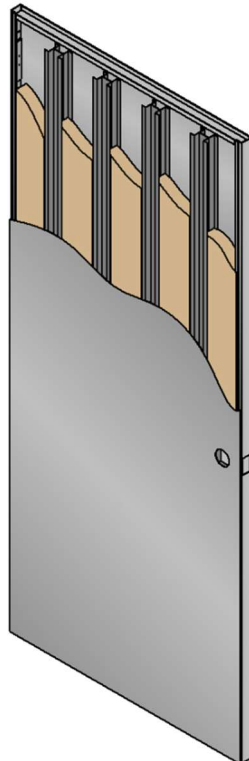


**Thermal:** ASTM C1363, ASTM E1423, ASTM EC1199, SDI 113

- 18 Gauge (0.042 min) Door:  
R-Value = 1.93, U-Factor 0.52
- 16 Gauge (0.053 min) Door:  
R-Value = 1.88, U-Factor 0.53
- 14 Gauge (0.067 min) Door:  
R-Value = 1.87, U-Factor 0.54

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

**Endurance:** Tested by Intertek Testing Services – Report #WHI-495-SP-0631, Exceed Level A per ANSI A250.4 Test Procedures & Acceptance Criteria for Steel Doors & Frames with Four Million Cycles.



**Size:**

- Maximum Nominal Size:
  - o 18 Gauge (0.042 min) – 3’-4” x 8’-0” max
  - o 16 Gauge (0.053 min) – 5’-0” x 10’-0” max
  - o 14 Gauge (0.067 min) – 5’-0” x 10’-0” max
- Actual Size:
  - o Actual Width = Nominal Width – 1/4”
  - o Actual Height = Nominal Height – 1/8” (top) – Undercut
- Undercut
  - o 5/8” (Standard)
  - o Special Upon Request to Suit Hardware

**Material Types:**

- Cold Rolled Steel (ASTM A1008)
- A60 Galvannealed (ASTM A653)
- G90 Galvanized (ASTM A653)

**Edge Type:**

- Bevel Hinge & Bevel Lock – 1/8” over 2” (Standard)
- Square Hinge & Bevel Lock (Standard for Cont. Hinge)
- Square Hinge & Square Lock (optional)

**Face Skin Options:**

- 18 Gauge (0.042 min) – ANSI A250.8 Level 2 (Heavy-Duty)
- 16 Gauge (0.053 min) – ANSI A250.8 Level 3 (Extra Heavy-Duty)
- 14 Gauge (0.067 min) – ANSI A250.8 Level 4 (Maximum-Duty)

**Edge Seam:**

- Seamless Bondo (Standard) – ANSI A250.8 Model 2
- Seamless Continuous Welded (Optional) – ANSI A250.8 Model 2
- Open Seam (Optional) – ANSI A250.8 Model 1

**Top Channel:**

- 16 Gauge (0.053 min), Projection Welded to Face Skins
- 14 Gauge (0.067 min) (optional)
- Inverted (standard at CRS)
- Flush (standard at A60 & G90, optional at CRS)
- Watertight Bondo Filled (optional)

**Bottom Channel:**

- 16 Gauge (0.053 min), Projection Welded to Face Skins
- 14 Gauge (0.067 min) (optional)
- Inverted (standard)
- Flush (Optional)
- Weep Holes Included