

**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

**HMMA 860** Guide Specifications for Hollow Metal Doors & Frames

**HMMA 867** Laminated Core Hollow Metal Door

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

**Core:** Rigid Pre-Formed Closed Cell Polyisocyanurate (Polyurethane) Board 2 lb. PCF Density Average, Conforms to ASTM C591  
Core U-Factor = 0.100, R-Value = 10.0

*Note: Polyisocyanurate is the technical name of the product used by MPI as it offers many benefits over typical polyurethane such as not brittle, resistance to water and solvents, higher temperate stability, and resistance to burning.*

**STC:** STC 30, Consult STC Tech Sheet for Additional Data

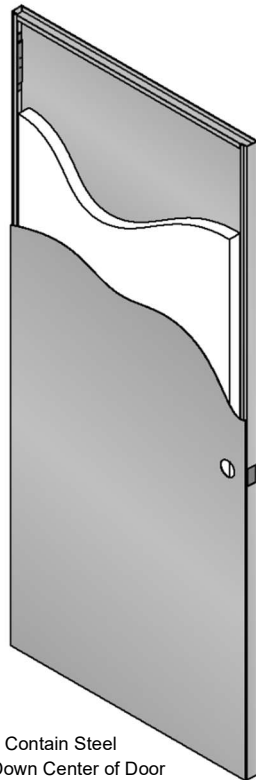
**Fire Rating:** Not Able to Fire Rate

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

- 18 Gauge (0.042 min) Door: R-Value = 2.19, U-Factor 0.46
- 16 Gauge (0.053 min) Door: R-Value = 2.09, U-Factor 0.48

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

**Endurance:** Would perform similar to polystyrene doors.



May Contain Steel Stiffener Down Center of Door

**Size:**

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