

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

STC: STC 33-47 (Standard Construction), 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

5’-0” x 10’-0” Max

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

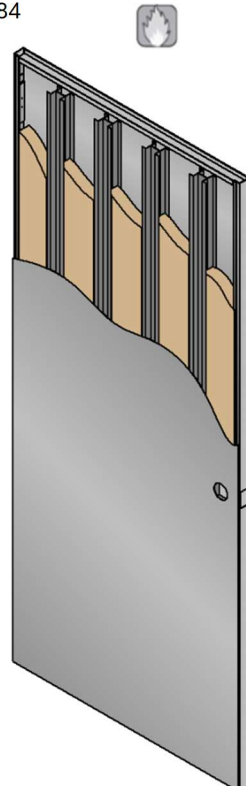
Testing based on standard mineral fiber infill.

- 18 Gauge (0.042 min) Door: R-Value = 1.87, U-Factor 0.53
- 16 Gauge (0.053 min) Door: R-Value = 1.83, U-Factor 0.55
- 14 Gauge (0.067 min) Door: R-Value = 1.81, U-Factor 0.55

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:
 - 18 Gauge (0.042 min) – 3’-4” x 8’-0” max
 - 16 Gauge (0.053 min) – 5’-0” x 10’-0” max
 - 14 Gauge (0.067 min) – 5’-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