

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 867 Laminated Core Hollow Metal Door

SDI 111 Recommended Details for Standard Steel Doors, Frame,

Accessories & Related Components

Core: Rigid Pre-Formed Closed Cell Polystyrene Board 1 lb. PCF

Density Minimum, Conforms to ASTM C578, Type 1

Core U-Factor = 0.156, R-Value = 6.4

STC: STC 26-29, 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

Cannot Rate 14 Gauge Polystyrene

4'-0" x 8'-0" Max



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

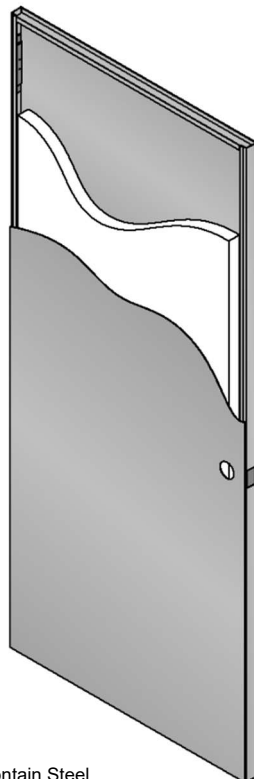
18 Gauge (0.042 min) Door: R-Value = 2.12, U-Factor 0.47

16 Gauge (0.053 min) Door: R-Value = 2.04, U-Factor 0.49

Warranty: See “Warranty” Statement for More Details

One Year (365 days) from the date of delivery

Endurance: Tested by Intertek Testing Services – Report #3195456MID-002, Passed for Level A of One Million Cycles per ANSI A250.4 Test Procedures & Acceptance Criteria for Steel Doors & Frames



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