

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

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

Fire Rating: Cannot Fire Rate

Warranty: See “Warranty” Statement for More Details

One Year (365 days) from the date of delivery

Jamb Depth:

- 5-1/4” min & no max for Equal Rabbet
- 3” min & no max for Single Rabbet
- Contact Support for Special Profiles

Stop Height:

- 5/8” (standard)
- Special Heights Available Contact Support

Material Gauges:

- 16 Gauge (0.053 min) (standard)
- 14 Gauge (0.067 min)

Material Type:

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

Welding Options:

- Face Welded (FW) (standard)
- Full Profile Welded (CW)
- Knock-Down (KD)

Anchoring Options: See “Frame General” Section for Details

- Metal Stud Anchors (MSA)
- Wood Stud Anchor (WSA)
- Masonry Wire Anchor (MWA)
- Masonry Anchor Strap (MAS)
- Masonry T-Anchor (MTA)
- Existing Masonry Anchor (EMA)

Base Anchor Options:

- Base Anchor (BA)
- Base Strap (BS)
- Base Hole (BH)

Wall Types: (Returns)

- Masonry (Single 1/2” Return—7/16” at 5-3/4”)
- Drywall (Double 1/2” Returns)

Profiles: See “Frame General” Section for Details

- Masonry Equal Rabbet (MER) (standard)
- Masonry Unequal Rabbet (MUR)
- Masonry Single Rabbet (MSR)
- Drywall Equal Rabbet (DER)
- Drywall Unequal Rabbet (DUR)
- Drywall Single Rabbet (DSR)

DOOR TYPE	STANDARD FRAME		THERMAL BREAK FRAME	
	R-VALUE	U-FACTOR	R-VALUE	U-FACTOR
18 Ga Polyurethane Flush	2.19	0.46	2.37	0.42
16 Ga Polyurethane Flush	2.09	0.48	2.24	0.45
18 Ga Polystyrene Flush	2.12	0.47	2.24	0.45
16 Ga Polystyrene Flush	2.04	0.49	2.12	0.47

Results represent standard production items. Thermal break frames when tested per SDI 113 improved thermal performance as shown in the chart above. For security MPI uses bolts around door openings, no bolts used around window openings.

