

HMF EXPRESS

Doors

Max Opening Size	Door Type	Single or Pair	Butt or Hemmed Edge *	Gauge Steel	Hardware Approved	Max Rating Flush	Thickness	Max Rating w/ Glass	Notes / Special Requirements
4-0 x 8-0	Poly Core	Sgl	Hemmed	18, 16	All	3 Hour	1-3/8" & 1 3/4"	See Chart	Embossed Available (up to 90 min)
8-0 x 8-0	Poly Core	Pair	Hemmed	18, 16	All	3 Hour	1-3/8" & 1 3/4"	See Chart	Embossed Available (up to 90 min)
4-0 x 9-0	Poly Core	Sgl	Hemmed	18, 16	All	90	1-3/4"	See Chart	Embossed (1-3/4" ONLY)
8-0 x 9-0	Poly Core	Pair	Hemmed	18, 16	All	90	1-3/4"	See Chart	Embossed (1-3/4" ONLY) *Approved w/out Astragal
4-0 x 9-0	Poly Core	Sgl	Butt	18-14	All	90	1-3/4"	See Chart	
8-0 x 9-0	Poly Core	Pair	Butt	18-14	All	90	1-3/4"	See Chart	
4-0 x 7-2	Poly Core	Sgl Dutch	Butt	18,16	161 or 86 Each Leaf	3 Hour	1-3/4"	Peep 90 Min No Light	Astragal Req, 1/2 shelf ok Max Top leaf 43" & must latch
4-0 x 8-0	Steel Stiffened	Sgl	Butt	18-14	All	3 Hour	1-3/4" to 3-1/4"	See Chart	
			Hemmed	18, 16					
8-0 x 8-0	Steel Stiffened	Pair	Butt	18-14	All	3 Hour	1-3/4" to 3-1/4"	See Chart	
			Hemmed	18, 16					
4-0 x 10-0	Steel Stiffened	Sgl	Butt	18-14	All	90	1-3/4" to 3-1/4"	See Chart	
			Hemmed	18, 16					
8-0 x 10-0	Steel Stiffened	Pair	Butt	18-14	All	90	1-3/4" to 3-1/4"	See Chart	
			Hemmed	18, 16					
5-0 x 12-0	Steel Stiffened	Sgl	Butt	16, 14	161 or 86 Active Leaf	90	1-3/4" to 3-1/4"	See Chart	
10-0 x 12-0	Steel Stiffened	Pair	Butt	16, 14	161 or 86 Active Leaf	90	1-3/4" to 3-1/4"	See Chart	FB or SB Inactive Fire Pin Req'd Active leaf - Top
4-0 x 8-0	Temp Rise	Sgl	Hemmed	16	All	90	1-3/4"	100 Sq in Max	250 Degrees - 30 Minutes
8-0 x 8-0	Temp Rise	Pair	Hemmed	16	All	90	1-3/4"	100 Sq in Max	250 Degrees - 30 Minutes
8-0 x 8-0	Steel Stiffened	Double Egress	Hemmed	18, 16	SVR & CVR Only	3 Hour	1-3/4" to 3-1/4"	See Chart	*Astragal only required @ 3hr Tack Weld Seams 4" on CL
8-0 x 10-0	Steel Stiffened	Double Egress	Butt	18, 16	SVR & CVR Only	3 Hour	1-3/4" to 3-1/4"	See Chart	*Astragal only required @ 3hr Tack Weld Seams 4" on CL. Special Wall construction required
4-0 x 8-0	Steel Stiffened	Lead Sgl	Butt	18-14	All	3 Hour	1-3/4" to 3-1/4"	See Chart	3/16" thick lead Max.
4-0 x 10-0	Steel Stiffened	Lead Sgl	Butt	18-14	All	90	1-3/4" to 3-1/4"	See Chart	3/16" thick lead Max.
8-0 x 8-0	Steel Stiffened	Lead Sgl	Butt	18-14	All	3 Hour	1-3/4" to 3-1/4"	See Chart	3/16" thick lead Max.
8-0 x 10-0	Steel Stiffened	Lead Sgl	Butt	18-14	All	90	1-3/4" to 3-1/4"	See Chart	3/16" thick lead Max.

Note: All Doors are available for UL rating except 1 3/8" Doors which are available for WH rating

Minimum Sizes

Door Construction	Minimum Width	Minimum Height
Hemmed Edge - Poly Core	24"	24"
Butt Edge - Poly & Steel Stiffened Core	6"	24"

Pairs swinging in the same direction require an astragal to be supplied to maintain fire rating UNO*