HMF EXPRESS

Doors								
Max Opening Size	Door Type	Single or Pair	Butt or Hemmed Edge *	Max Gauge Steel	Hardware Approved	Max Rating Flush	Max Rating w/ Glass	Notes / Special Requirements
4-0 x 8-0	Poly Core	Sgl	Hemmed	16	All	90	See Chart	Embossed & 1 3/8" Incl
8-0 x 8-0	Poly Core	Pair	Hemmed	16	All	90	See Chart	Embossed & 1 3/8" Incl *Approved w/out Astragal
4-0 x 8-0	Poly Core	Sgl	Butt	14	All	90	See Chart	
8-0 x 8-0	Poly Core	Pair	Butt	14	All	90	See Chart	
4-0 x 7-2	Poly Core	Sgl Dutch	Butt	16	161 or 86 Each Leaf	3 Hour	Peep 90 Min No Light	Astragal Req, 1/2 shelf ok Max leaf 43" & must latch
4-0 x 8-0	Steel Stiffened	Sgl	Butt	14	All	3 Hour	See Chart	
8-0 x 8-0	Steel Stiffened	Pair	Butt	14	All	3 Hour	See Chart	
4-0 x 10-0	Steel Stiffened	Sgl	Butt	14	All	90	See Chart	
8-0 x 10-0	Steel Stiffened	Pair	Butt	14	All	90	See Chart	
5-0 x 12-0	Steel Stiffened	Sgl	Butt	14	161 & 86 Only	90	See Chart	16 Ga Min.
10-0 x 12-0	Steel Stiffened	Pair	Butt	14	161 & 86 Only	90	See Chart	16 Ga Min. FB or SB Inactive Fire Pin Req'd Active leaf - Top
4-0 x 8-0	Temp Rise	Sgl	Hemmed	16	All	450-60 250-30	100 Sq in Max.	450 Degrees - 60 Minutes OR 250 Degrees - 30 Minutes
8-0 x 8-0	Temp Rise	Pair	Hemmed	16	All	450-60 250-30	100 Sq in Max.	450 Degrees - 60 Minutes OR 250 Degrees - 30 Minutes
8-0 x 8-0	Poly Core	Double Egress	Hemmed	16	All	90	?	*Approved w/out Astragal Tack Weld Seams 4" on CL
8-0 x 10-0	Steel Stiffened	Double Egress	Butt	14	All	3 Hour	?	*Approved w/out Astragal Tack Weld Seams 6" on CL
4-0 x 8-0	Steel Stiffened	Lead Sgl	Butt	14	All	3 Hour	?	3/16" thick lead Max.
4-0 x 10-0	Steel Stiffened	Lead Sgl	Butt	14	All	90	See Chart	
8-0 x 8-0	Steel Stiffened	Lead Pair	Butt	14	All	3 Hour	?	3/16" thick lead Max.
8-0 x 10-0	Steel Stiffened	Lead Pair	Butt	14	All	90	See Chart	

Note: Doors could be UL Rated or WH Rated (depending on construction & location produced)

Minimum Sizes

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

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