

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 Doors Included
8-0 x 8-0	Poly Core	Pair	Hemmed	16	All	90	See Chart	Embossed Doors Included Approved w/out Astragal
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	Astragal Required
4-0 x 10-0	Steel Stiffened	Sgl	Butt	14	See Note	3 Hour	See Chart	SVR or CVR Only on 3 Hour 16 Ga Min.
					All	90		
8-0 x 10-0	Steel Stiffened	Pair	Butt	14	See Note	3 Hour	See Chart	SVR or CVR Only on 3 Hour 16 Ga Min. - Astragal Required
					All	90		
5-0 x 12-0	Steel Stiffened	Sgl	Butt	14	* All *	90	See Chart	Rod Hdwe must be Approved for 12'-0" Height - 16 Ga Min.
10-0 x 12-0	Steel Stiffened	Pair	Butt	14	* All *	90	See Chart	16 Ga Min. Rod HW if OK for 12-0 Fire Pin Req'd on Active leaf - Top
4-0 x 8-0	Temp Rise	Sgl	Butt	16	All	450-60 250-30	100 Sq in Max.	450 Degrees - 60 Minutes <u>OR</u> 250 Degrees - 30 Minutes
8-0 x 8-0	Temp Rise	Pair	Butt	16	All	450-60 250-30	100 Sq in Max.	450 Degrees - 60 Minutes <u>OR</u> 250 Degrees - 30 Minutes
5-0 x 12-0	Temp Rise	Sgl	Butt	14	All	450-30	100 Sq in Max.	16 Ga Min. - 10lb min wool + Fibrax tape - 450 Degrees - 30 Minutes
10-0 x 12-0	Temp Rise	Pair	Butt	14	All	450-30	100 Sq in Max.	16 Ga Min. - 10lb min wool + Fibrax tape - 450 Degrees - 30 Minutes
8-0 x 7-0	Poly Core	Double Egress	Hemmed	16	SVR & CVR Only	90	1296 Sq in Max	Approved w/out Astragal Tack Weld Seams 4" on CL
8-0 x 10-0	Steel Stiffened	Double Egress	Butt	14	SVR & CVR Only	3 Hour	Flush Only!	Approved w/out Astragal Tack Weld Seams 6" on CL
4-0 x 8-0	Steel Stiffened	Lead Lined	Butt	14	All	3 Hour	See Chart	3/16" thick lead Max.
4-0 x 10-0	Steel Stiffened	Lead L Sgl	Butt	14	See Note	3 Hour	See Chart	SVR or CVR Only on 3 Hour 16 Ga Min. - 3/16" thick lead Max
					All	90		
8-0 x 8-0	Steel Stiffened	Lead Lined	Butt	14	All	3 Hour	See Chart	3/16" thick lead Max.
8-0 x 10-0	Steel Stiffened	Lead L Pair	Butt	14	See Note	3 Hour	See Chart	SVR or CVR Only on 3 Hour 16 Ga Min. - 3/16" thick lead Max
					All	90		

* Butt Edge Doors are UL Rated, Hemmed Edge are WH Rated *

Minimum Sizes			Thickness
Door Construction	Minimum Width	Minimum Height	Min / Max
Hemmed Edge - Poly Core	24"	24"	1-3/8" & 1-3/4"
Butted Edge - Steel Stiffened Core	6"	24"	1-3/4" - 3-1/4"