

Fire Rating up to	Type	Core	Maximum Nominal Rebate Size Singles	Maximum Nominal Rebate Size Regular pair*	Door Thickness	Notes
3 hr	Flush	Honeycomb	4'0 x 8'0 (1250 x 2450)	8'0 x 8'0 (2450 x 2450)	1 ¾" (44)	
3 hr	Flush	Temperature Rise	4'0 x 8'0 (1250 x 2450)	8'0 x 8'0 (2450 x 2450)	1 ¾" (44)	250°C at 60 minutes
3 hr	Flush	Spot welded stiffener	N/A	8'0 x 8'0 (2450 x 2450) Double Egress*	1 ¾" (44)	
1 ½ hr	Flush	Honeycomb, Polystyrene, Polyurethane, laminated stiffeners	4'0 x 8'0 (1250 x 2450)	8'0 x 8'0 (2450 x 2450)	1 ¾" (44)	
1 ½ hr	Flush	Polystyrene, Laminated stiffeners	4'0 x 9'0 (1250 x 2750)	N/A	1 ¾" to 2 ¼" (44 - 57)	
1 ½ hr	Flush	Polystyrene, Laminated stiffeners	4'0 x 10'0 (1250 x 3050)	N/A	1 ¾" (44)	Requires a minimum of 2 points of latching
1 ½ hr	Flush	Honeycomb, Polystyrene, Polyurethane, stiffeners	N/A	8'0 x 7'0 (2450 x 2150) Double Egress*	1 ¾" (44)	
1 ½ hr	Flush	Temperature Rise	N/A	8'0 x 8'0 (2450 x 2450) Double Egress*	1 ¾" (44)	250°C at 60 minutes
1 ½ hr	Flush	Lead lined	4'0 x 7'0 (1250 x 2150)	N/A	1 ¾" (44)	
1 ½ hr	Flush	Spot welded stiffener	4'0 x 8'0 (1250 x 2450)	8'0 x 8'0 (2450 x 2450)	1 ¾" (44)	
1 ½ hr	Embossed	Polystyrene	3'0 x 7'0 (900 x 2150)	6'0 x 7'0 (1800 x 2150)	1 ¾" (44)	
1 ½ hr	Flush Stainless	Honeycomb	3'6 x 8'0 (1100 x 2450)	N/A	1 ¾" (44)	Flush top only
1 ½ hr	Transom Panel	Honeycomb, Polystyrene, Polyurethane	4'0 x 3'0 (1250 x 900)	8'0 x 3'0 (2450 x 900)	1 ¾" (44)	Fixed or removable, flush or rabbetted. Stainless steel with flush bottom only

() = hard metric equivalent

- Regular pair means two door leaves swinging off the same plane, in the same direction
- Double Egress means two door leaves swinging off the same plane, in opposite directions
- Double Access means two door leaves separated by a mullion swinging off different planes in opposite directions or the same plane in the same direction

Use this Guide only for reference. Refer to applicable Building Codes and the Authority having Jurisdiction for the required fire rating. Refer to Artek technical bulletins for hardware and other restrictions.