



TEMPERATURE RISE RATED DOOR

Temperature Rise Rated Door offers exceptional Insulation to temperature [during a Fire] which makes it extremely suitable for enclosed areas such as Exit Stairwells, Exit Enclosures and Corridors. These Doors are specifically designed for enclosed openings [eg. Stairwells] which require conformance to NFPA 80 (or) similar fire protection recommendation for maximum temperature rise requirements.

Temperature Rise rated can limit the transmission of heat for a period of time so that people can safely move to the lower floor thereby exiting the burning building. These doors are built with a leaf Infill that is specifically designed to restrict the transmission of heat.

KEY FEATURES

- Temperature Rise Rating upto 250°F @ 30 minutes on unexposed face of the Door
- Tested to UBC 7-2, ANSI/UL 10B, 10C [Positive Pressure Test Standard] (or) BS 476 Part 22 Standard
- Cold Rolled Steel, Metallic Coated as per ASTM A 792 Standard offering Superior corrosion resistance
- Solid Mineral Core / Rockwool
- Up to 180* Minutes Fire Integrity
- Sound Transmission Class: STC 38 [Operable]
- Thermal Characteristics: U Factor up to 0.45, R Factor up to 2.22
- Mechanically interlocked vertical edge seam construction for added structural strength
- Suitable for wider selection of builders hardware
- Suited for light, medium, heavy duty and extra-heavy duty usage
- 16GA Inverted end channels welded to both face sheets
- Factory Powder Coated

AVAILABLE OPTION

- Base Material Options – Hot Dip Metallic Coated Cold Rolled Steel as per ASTM A 792 Standards
- 2-1/8" Door Leaf Thickness
- Finish Options – Smooth Powder Coated, Wood Finish (or) Hard Textured Finish
- Design Options – Full Flush (or) Vision Lite
- Synthetically filled Seamless Edges
- Flush Metal Caps for End Channel
- Multiple Frame Profile Options
- Beveled Edge – 1/8" in 2"
- Selection of Thickness from Light to Extra Heavy Duty (Refer the below table)

INDICATIVE SIZE SELECTION CHART

(All Sizes in Metres - Width x Height basis)

Width		Height		
Single	Double			
0.8	1.6	2	2.2	2.4
0.9	1.8	2	2.2	2.4
1.0	2.0	2	2.2	2.4
1.1	2.1	2	2.2	2.4
1.22	2.2	2	2.2	2.4