

# TEMPERATURE RISE RATED DOOR

NAFFCO “Cool” 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.

NAFFCO ‘Cool’ Temperature Rise rated can limit the transmission of heat for a period of time so that people can safely move to the lower floors 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

- Fabricated and assembled in UAE.
- Economical and environmental friendly.
- Steel, Metallic coated as per ASTM A 792 Standard offering superior corrosion resistance.
- Honey comb core & Stiffeners infills offering phenomenal flatness and structural rigidity.
- Up to 180<sup>0</sup> minutes fire integrity.
- Tested to UBC 7-2, ANSI/UL 10B, 10C (Positive Pressure Test Standard) or BS 476 Part 22 Standard (EN1634-1).
- Sound transmission classification rating upto 50dB.
- Thermal Characteristics: U Factor - 0.41, R Factor - 2.44.

## Available Options

- Finish options - Stainless Steel Brush Finish, SS Mirror finish, Wood finish / Hard Textured Colour, Smooth finish, Powder Coated, PVDF.
- Cladded (Stone, Brass, Glass)

## Areas of Applications

- Office
- Industry
- Power-Plants
- Oil Field
- Recording Studio
- Stadium
- Hotels
- Healthcare
- Institution
- Public Utility
- Factory
- Warehouse

## Indicative Size Selection Chart

(All sizes in meters – width x Height basis)

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

## Design Options

