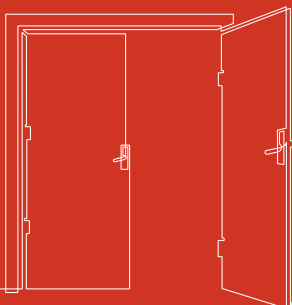




NAFFCO
PASSION TO PROTECT

www.naffco.com



FIRE RATED DOORS

»» Stainless Steel Doors
»» Wood Finished Doors

»» Ballistic Doors
»» Acoustic Doors

»» Blast Doors
»» Hospital Doors

»» Security Doors
»» Rolling Shutters



Introduction

NAFFCO was founded in Dubai, UAE to become the world's leading producer and supplier of life safety solutions.

With the most talented and dedicated employees from around the world, NAFFCO has over 2,000 passionate engineers and over 8.5 million square feet of manufacturing facilities. We are currently exporting to over 100 countries worldwide.

NAFFCO manufacturing facilities has the latest technology, state-of-the-art machines (CNC machines, hydraulic shearing and bending machines, all types of welding machines - MIG, TIG, ARC etc.) that enable us to meet the needs of any production requirement.

With one of the highest production capacities in the industry, NAFFCO is positioned as a leader in the door and hardware market. NAFFCO's strength is in the reliability it can offer. With one of the highest numbers of sophisticated machinery and expert professionals, NAFFCO ensures compliance to its commitments and client requirements.

Our Strict zero tolerance quality program guarantees client satisfaction in each and every delivered unit, making the NAFFCO brand synonymous with quality.

NAFFCO Fire Rated Doors are designed and manufactured in accordance with internationally recognized standards such as NFPA 80, SDI, ANSI/UL 10B, ANSI/UL 10C, BS 476 Part 22, CAN/ULC-S104, NAMM HMMA, AHJ & NFPA 252.





FIRE RATED DOORS

NAFFCO supplies steel doors that combine fire resistance with functionality without compromising any aspect of either. These steel doors types reduce the spread of fire and enable safe egress, in addition to offering the highest degree of compartmentalization. All of our doors are fitted in strong steel door frames which will increase the level of protection. Highly preferred in all types of buildings today, these doors offer safe and secure living and ease of movement. No other steel door manufactures provide a service like NAFFCO.

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



Honey Comb Doors



Steel Stiffened Doors



Wood Finished Doors



Temperature Rise Rated Doors



Stainless Steel Doors



BALLISTIC DOORS

NAFFCO 'Marshall' Ballistic Doors provides up to 7 levels of Ballistic [Bullet Resistant] protection. These Doors are highly Economical and offer instant solution for protection against vandalism and attacks at highly sensitive areas such as Defense buildings, mercantile buildings, legislative buildings, money exchanges, Embassy and Consulate buildings.

Key Features

- Up to 7 Levels of Ballistic (Bullet Resistant) Protection.
- Up to 90* Minutes Fire Integrity.
- Conforms to UL 752, ANSI/UL 10B, 10C and NFPA 252.

BLAST DOORS

NAFFCO Blast rated Steel doors and frames can meet blast and air pressure resistance with the full functionality of Hollow metal steel doors. Our blast resistant doors are available with wide range of hardware that can ensure an easy to operate doors system. Naffco has the engineering capability to design and manufacture blast rated products to meet the end users safety requirements.

Key Features

- Fabricated and assembled in UAE.
- Up to 100psi blast resistant engineered doors.
- Tested to ASTM F2927

Available Options

- Door operation: Hydraulic / Pneumatic door operators.





SECURITY DOORS

NAFFCO manufacture an extensive series of security rated door sets, with doors that are LPCB accredited from LPS 1175 SR1 to SR4. Combining solutions for security and noise reduction.

Our Security door has been developed to withstand deliberate attempts at forced entry on well-protected premises with little regard for noise; using physical force and an array of tools, including cordless tools, a short axe, cold chisels, a crow bar, brick bolsters, and a gas torch.

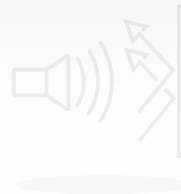
Key Features

- Good visual and physical deterrent to potential thieves.
- Durable and easier to maintain.
- No shrinkage, peeling, cracking or wrapping.

Suitable Applications

- Airports, Government & Defence Buildings, Factories & Warehouses, Utilities Sectors, Financial Services, High Value retail Outlets, Infrastructure projects

ACOUSTIC DOORS



An Acoustic Door is an assembly consisting of Door, Frame, Ironmongery, Threshold and gasketing, capable of reducing the transmission of Sound. These Doors reduce noise to the desired levels using advanced materials and construction. The performance of these Doors are measured by the STC Rating.

NAFFCO STC Door Performance Chart*

Door Model	Max. STC Rating in dB	Fire Rating in Hours	STC Test Standard	Door Core
HALCYON-28	28	2	ASTM E90-09	Kraft Honeycomb
HALCYON-32	32	2	ASTM E90-09	Kraft Honeycomb
HALCYON-38	38	2	ASTM E90-09	Rockwool
HALCYON-41	41	2	ASTM E90-09	Rockwool
HALCYON-45	45	n/a	ASTM E90-09	Proprietary Core
HALCYON-47	47	n/a	ASTM E90-09	Proprietary Core

* The above mentioned STC Rating is for Flush Doors only; Maximum calculated STC Rating that can be achieved for Doors with Vision Panel is 35dB where the size of vision panel will be limited to (200x300mm).



HOSPITAL DOORS

NAFFCO Clean Room Doors are highly suitable for Hospitals, Laboratories, Pharmaceutical Cleanrooms, Food Processing Centers and Infant Nutrition Centers where any means of spread of infection and contagious transmissions have to be heavily controlled to ensure highest degree of sanitary operations. These Doors meet the demands of continuously developing healthcare technology in-addition to meeting the Fire and Life Safety requirements, and Acoustic Performances thereby offering a Wide Range of Solutions.

Key Features

- Stainless Steel Grade 304 or 316..
- Tested to UBC 7-2, ANSI/UL 10B, 10C (Positive Pressure Test Standard) or BS 476 Part 22 Standard.
- Thermal Characteristics: U Factor - 0.41, R Factor -2.44.



Areas of Application

- Hospital / Clinics,
- Pharmaceutical Clean rooms,
- Laboratories,
- Food & Beverage Processing Centers,
- Infant & Nutrition Center.

ACCESS DOORS

NAFFCO 'Access Pro.' Access Doors feature sleek Door Design adding aesthetics, durability and robustness into a single design and are designed to cater innumerable access needs. These doors offer a wide range of flexible size, trim and core options. NAFFCO 'Access Pro.' Access Doors are designed to give easy access to plumbing, mechanical and electrical fixtures, which are required to be latent behind the wall structures to retain the aesthetics of the building.

Key Features

- Fabricated and assembled in UAE.
- TRR up to 6500F @ 30 minutes on unexposed face of the Door.
- Tested to UBC 7-2, ANSI/UL 10B or BS 476 Part 22 Standard.
- Sound Transmission Class: upto STC 38.
- Thermal Characteristics: U Factor up to 0.7, R Factor up to 1.42.

Available Options

- Non-Fire Rated / Non-Temperature Rated
- Recessed Panel for Cladding



ROLLING SHUTTERS

*Fire Rated &
Non-Fire Rated*

Fire shutters are used to provide compartmentalization for wide/big openings within a building and as such, help prevent a fire from rapidly spreading to other parts of the building. In-addition to it, these shutters offer the required security and accessibility. This way, fire shutters allow people to evacuate safely and helps to make the work of the emergency services easier. Whilst conventional static barriers are permanently fixed in one place and are non-operational (e.g. fire-walls, glass partitions, etc.), a fire shutter can actually be operated (whenever required) and will close automatically in the event of a fire.

Key Features

- Up to 240* Minutes Fire Integrity.
- Tested to ANSI/UL 10B or BS 476 Part 22 Standard.
- Electrically Operated with Emergency Manual override chain.
- Fire alarm signal conversion panel with battery back up.

Available Options

- Wind Lock Features.
- Single and Double skin.

INDUSTRIAL SLIDING DOORS

Industrial Sliding Doors utilize the available space more effectively by offering more clear opening area and less hindrance. These Doors open horizontally by sliding parallel to a wall and are suspended from a top track (with a bottom guide) or rolling over bottom castor wheels rather than conventionally swinging on hinges.

Key Features

- Manual or Automatic Operation
- Manual Doors - Top-Hung / Bottom Roll-over castor wheels
- Up to 30* Minutes Fire Integrity.
- Single or Double Leaf Door with / without wicket Door.
- Compatible* with Fire Alarm system and BMS





FIRE DOORS

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