



Fire Rated Doors





An Introduction to NAFFCO

NAFFCO FZCO is among the world's leading manufacturers and suppliers of top-tier firefighting equipment, fire protection systems, fire alarms, security and safety engineering systems worldwide. Since its humble beginnings, NAFFCO has grown from its headquarters in Dubai, UAE to expand to serving over 100 countries around the world.

One Stop Shopping for All Your Fire Safety and Security Needs

Today's companies recognize the importance and convenience of having multiple safety services available under one roof, a "one-stop shopping" source for all types of fire protection systems. As the undisputed

leader in firefighting technology and fire safety solutions, NAFFCO has worked in both the private and government sectors, as well as manufacturing plants, hospitals, stadiums, malls and other organizational projects, delivering comprehensive fire safety and engineering solutions.

NAFFCO is associated with globally renowned international companies in the fire protection industry such as Esser, Secutron, Megalights, Evax, Fike, Central, Shield, Mueller, Giacomini, RB Pumps, Bombas, Ideal Pumps, Joslyn Pumps, Peerless Pumps.

At NAFFCO we are passionate about sustaining, upgrading and improving any means of safety, by having over 2 million square foot of manufacturing space, over 450 engineers, and over 8,500 workforce following all the latest technology available. We live by our passion, the passion to protect.





Manufacturing

NAFFCO manufacturing department 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.), and a complete machine shop that enable us to meet the needs of any production requirement.

NAFFCO has the ability to introduce the latest technological systems & equipment in the fire safety field. Our engineers and technicians are well qualified & experienced in producing quality products.

The department is equipped with full-fledged testing facilities to test the equipment as per NFPA, EN, ICAO, KKK and Civil Defense standards & requirements, and to meet the customers specifications.

Considering the above facilities and excellence in engineering capabilities, NAFFCO can meet any challenges to produce bulk quantities of fire safety materials.



FIRE RATED DOORS

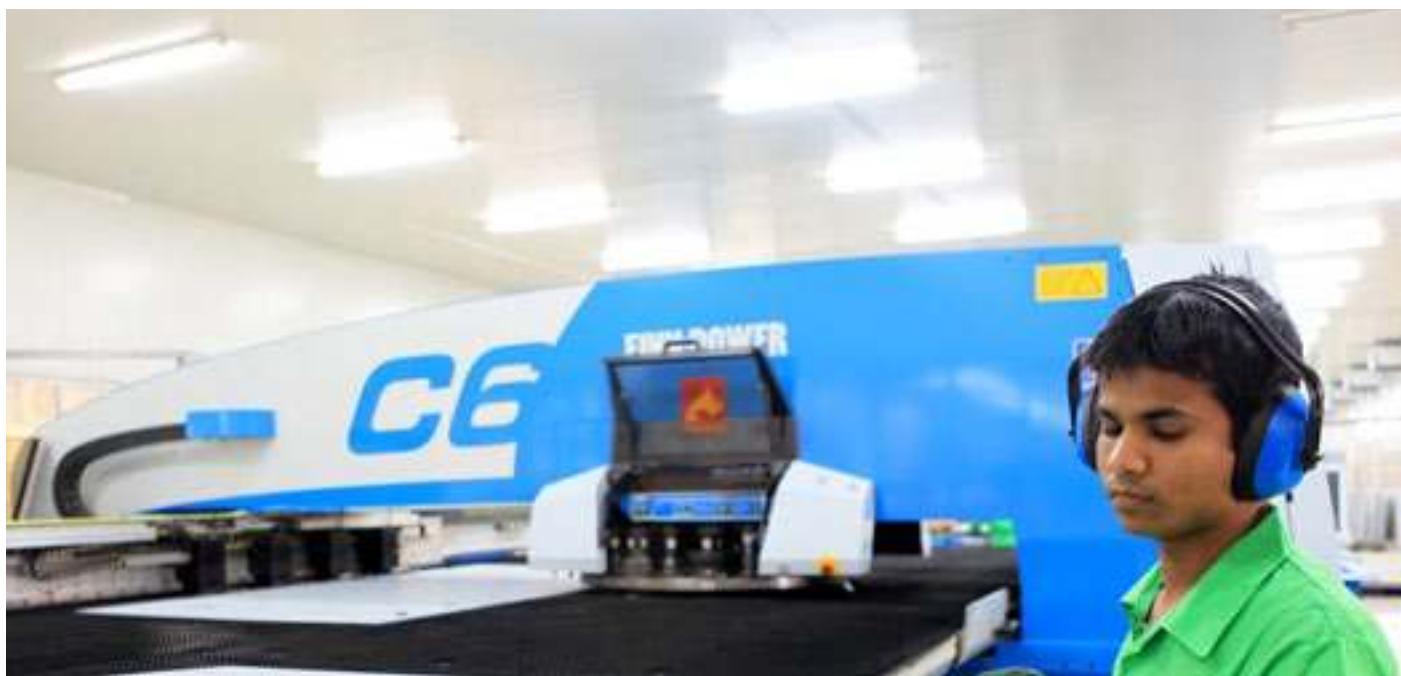
NAFFCO has a dedicated state-of-the-art manufacturing facility for Fire Rated Doors. With one of the highest production capacities in the industry, NAFFCO is positioned as a leader in the door and hardware market.

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



NAFFCO production line for fire doors are equipped with the most advanced CNC machinery



STEEL DOORS



FIRE RATED DOORS

NAFFCO Steel Doors combine Fire Resistance with Door Functionality without compromising any aspect of both the requirements. These types of Doors reduce the Spread of Fire and enable Safe Egress, in-addition to offering highest degree of Compartmentalization. These types of Doors are highly preferred in all types of Buildings, nowadays, to offer Safe and Secure living and Egress. Our Technical Team is always available to offer advice and planning.

SIZES

Custom Sizes available (*Contact our Technical Team to know more about max. available Sizes for Fire Rated Door-sets*)

FIRE RATING

Up to 120 Minutes.

VISION PANEL

Optional (*Contact our Technical Team to know more about max. available Sizes for Fire Rated Vision Panels*)

LOUVERS

Optional (*Contact our Technical Team to know more about max. available Sizes for Fire Rated Automatic Louver and the possibility of incorporating them*)

HANDING

As per Client's requirement.

HONEY COMB CORE

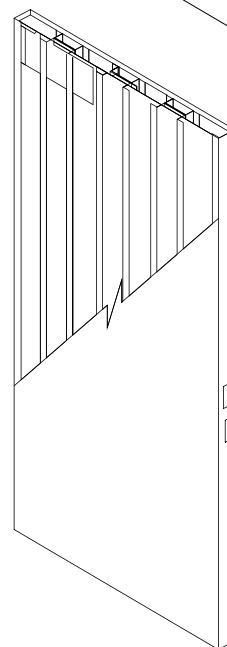
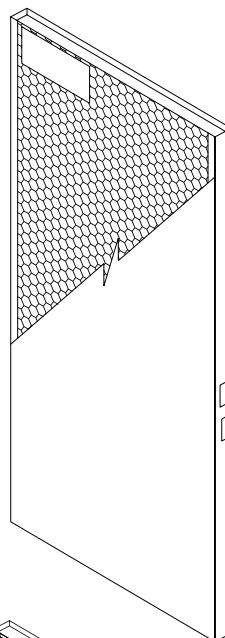
Kraft honey comb paper cores provides extreme rigidity and one of the highest flatness levels. This bonded to the face sheets with fire rated adhesive.

RECOMENDED USE

- Interior applications
- Residential applications
- Commercial applications
- Labour camps
- Warehouses
- Government buildings

Finishes

- Polyester Powder coated
- Epoxy powder coated
- Wood Finish
- Stainless steel



STEEL STIFFENED CORE

Steel Stiffened Doors provide highest durability, Insulation and Impact Resistance. The Door Leaves consist of Steel Hat Shaped Stiffeners that extend to the full height of the Door and Spot Welded to the Leaf face-sheets. The Void Spaces between the adjacent Stiffeners are filled with Mineral Wool Infill.

RECOMENDED USE

- High Impact Applications
- Frequent Use Applications
- Utility Buildings
- Commercial Towers
- Educational Institutions
- Health Care Buildings

FINISHES

- Polyester Powder coated
- Epoxy powder coated
- Wood Finish

GLAZED DOORS

Glazed Doors are suitable for any application where Aesthetical and Well Lit environment are required in-addition to an environment where Vision of sight is demanded to the other side of a Room.

SIZES

Custom Sizes available (*Contact our Technical Team to know more about max. available Sizes for Fire Rated Door-sets*)

FIRE RATING

Up to 120 Minutes.

HANDING

As per Client's requirement.

APPLICATIONS

- Malls
- Libraries
- Schools
- Government Buildings
- Hospitals
- Corporate Locations

FINISHES

- Polyester Powder Coated
- Epoxy Powder Coated
- Wood Finish
- Stainless Steel



GLAZING OPTIONS

At NAFFCO, we have various available Glazing options. NAFFCO is the only company in the UAE to have a UL Listed vision panel that suit Metal Doors.

SIZES

Contact our Technical Team to know more about maximum available sizes for Fire Rated Vision Panels.

FIRE RATING

Up to 120 Minutes.



GEORGIAN WIRED
GLASS



CLEAR GLASS



TEMPERED GLASS

STEEL DOORS WITH WOOD FINISH

(Fire Rated/Non Fire Rated)

We offer a wide range of Wood Finishes that suits various Customer needs.



APPLICATIONS

- Malls
- Hotel
- Auditoriums
- Residential
- Lounges
- Other Commercial areas

ACCESS PANEL

(Fire Rated/Non Fire Rated)

NAFFCO has proven to be one of the top manufacturers of Access Panel in the Industry. These Access Panels are available in custom made sizes and designs. With NAFFCO Access Panels, Access to switch boards, pipes and valves within the walls, especially in corridors, can be easily hidden to provide a clean look. We do have a wide range of Fire rated, Non Fire Rated, Recessed and Security type Access Panels.



SLIDING DOORS

(Fire Rated/Non Fire Rated)

NAFFCO sliding doors demonstrate clever engineering, versatility and durability in applying the whole concept behind the sliding panels in utilizing the space that you have by creating more space easily. Unlike a set of folding doors for example where at least half of your available opening is blocked. Our sliding door system incorporates

the full opening without wasting any space. This is done by using modern technology and state-of-the-art hardware designed for easy functionality and long term reliability.

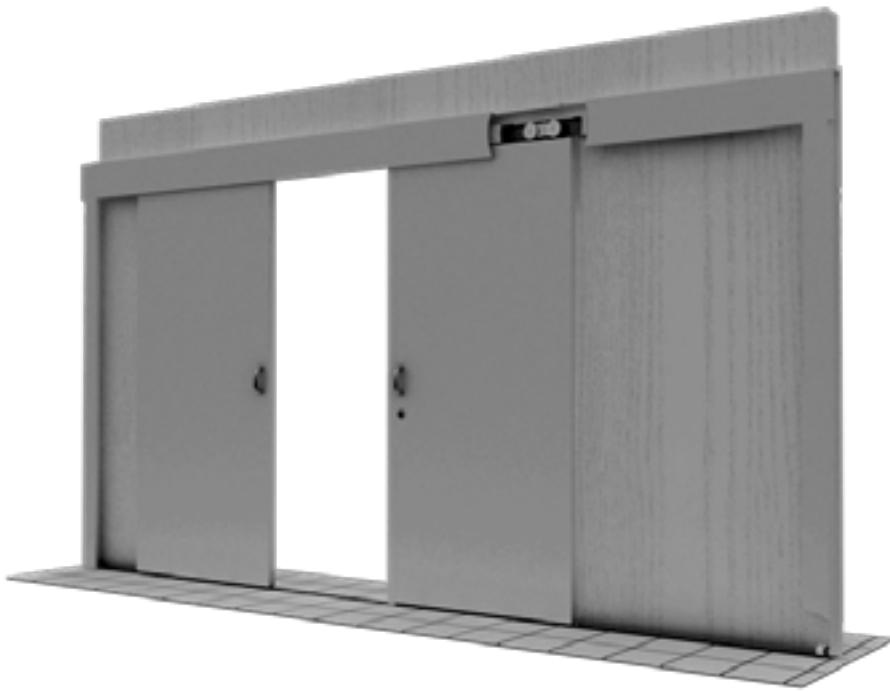
If you are looking for effortless, smooth gliding system, NAFFCO sliding doors are the best choice.

OPTIONS

- Manually operated
- Electrically operated

APPLICATIONS

- Warehouse
- Garage
- Store Rooms
- Entrance Doors
- Lounges



ACOUSTIC DOORS

NAFFCO Acoustic doors have been designed to prevent a certain amount of sound from passing through a door to the other side of the Door. Having been a mandatory requirement for loud environments such as manufacturing facilities and music studios, these Doors are also having increased requirements in office and business environments too.

STC RATINGS

Up to 50 Db

FINISHES

- Polyester Powder Coated
- Epoxy Powder Coated
- Wood Finish
- Stainless Steel
- Hard Textured-Special Finish



APPLICATIONS

- Broadcasting and Recording Studios
- Language labs
- Cinemas and Theatres
- Plant/Machine/Motor Rooms
- Conference/Meeting/Function Rooms
- Auditoriums and Stadiums
- Garages

BLAST PROOF DOORS

The blast proof door is designed to protect human life from any accidental explosion that may occur in petrochemical plants or in industrial manufacturing facilities; to offer disaster prevention and protection for main facilities; and, to effectively manage and control explosion in military experiments at military facilities or at any explosion-prone laboratories.

Doors rated upto 4 psi Ratings can be supplied.



ROLLING SHUTTERS

(Fire Rated / Non Fire Rated)



Available in manual or electrical.



Manually operated shutters are installed with the latest sophisticated springing systems. This ensures that even large shutters can be lifted with the minimum of effort. Electrically operated shutters provide effortless security. Large areas can be covered with just one shutter. Group controls and relays can operate multiple installations at the same time. Fire Rating upto 120 Minutes (*Under UL Listing*) and 240 Minutes (*Under BS Listing*) can be met. Kindly contact our Technical team for more details.

OPTIONS

- Manually operated
- Electrically operated
- High-speed

APPLICATIONS

Warehouses and Industrial Facilities.

NAFFCO FIRE CERTIFIED HARDWARE

NAFFCO carries a complete range of certified hardware catering to various design requirements. All hardware are available in multiple finish options.

EXIT DEVICE

VERTICAL FIRE/PANIC EXIT DEVICE

- UL Listed
- Top and bottom latching
- Rods are high quality steel
- Rods can be adjusted to fit various door heights and widths.
- Non-handed
- Suited for double leaf doors
- Finishes:
 - Stainless steel
 - Painted Aluminium Finish
- Available Sizes
 - 22" Doors
 - 36" Doors
 - 48" Doors



HORIZONTAL FIRE/PANIC EXIT DEVICE

- UL Listed
- Adjustable to door width requirements
- Non-Handed
- Suitable for single leaf doors
- Finishes:
 - Stainless steel
 - Aluminium finish
- Available Sizes
 - 22" Doors
 - 36" Doors
 - 48" Doors

CONCEALED FIRE/PANIC EXIT DEVICE

- Top and bottom connection
- Adjustable to door width and height
- Non-handed
- Suited for single and double leaf doors.
- Finishes:
 - Stainless steel
 - Painted Aluminium Finish
- Available Sizes
 - 22" Doors
 - 36" Doors
 - 48" Doors



HINGES

RELIABILITY

NAFFCO produces the highest quality of steel hinges meeting the most stringent requirements.

Hinge selection is based on the following factors:

- Door weight
- Usage frequency
- Door Dimension

Ball bearing hinges are mandatory requirements for all fire rated door openings.



NUMBER OF HINGES

As per NFPA Standards Doors up to 1520mm requires two(2) hinges, above which every 760mm mandates 1 hinge.

CLOSER

FEATURES

- UL Listed.
- Adjustable closing speeds
- Adjustable latching speeds
- Adjustable sweep speed.
- Back check function.
- Power/Spring Size Range – 1 to 5
- Handling can be easily adjustable on site feature allows the door to be opened to a specified degree without hitting the wall



LOCKS

- NAFFCO provides both mortise and cylindrical lock sets
- Conforms to the highest quality standards.
- Available in various finishes.
- ANSI, BS and UL Certified options available.

KEYING

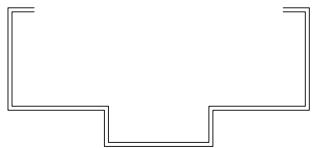
Master keying options are available for all NAFFCO lock cylinders.

HAND

Non-Handed.



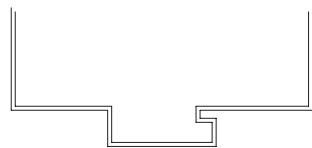
STANDARD STEEL FRAME PROFILES



DOUBLE RABBET



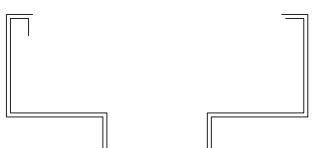
SINGLE RABBET



DOUBLE RABBET - KERF



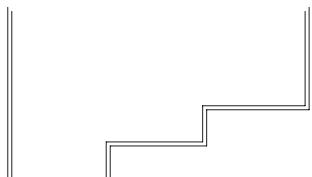
SINGLE RABBET - KERF



DOUBLE RABBET WRAPAROUND



SINGLE RABBET WRAPAROUND

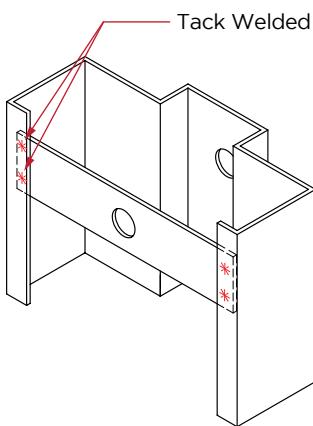


DOUBLE EGRESS

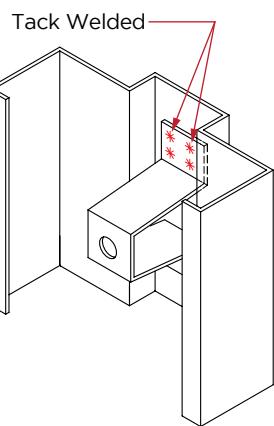


CASED OPENING

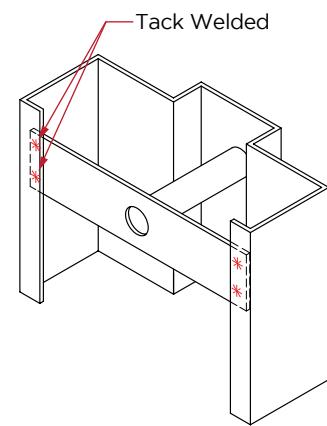
STANDARD ANCHOR TYPES



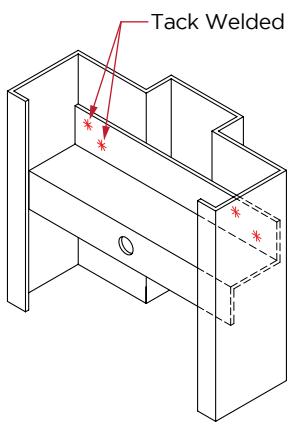
FLAT BAR ANCHOR



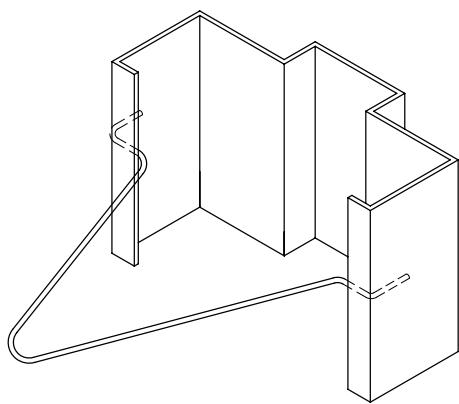
'U' ANCHOR



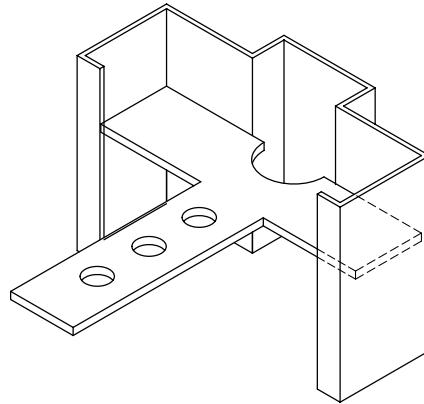
FLAT BAR WITH PIPE ANCHOR



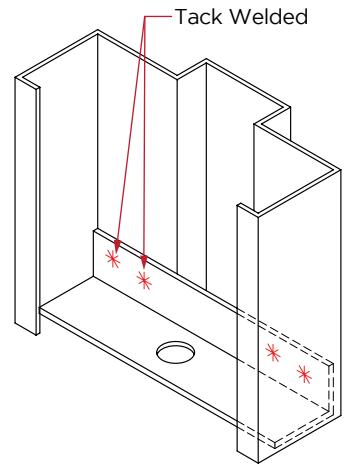
'Z' ANCHOR



WIRE ANCHOR



'T' ANCHOR



FLOOR ANCHOR



Serving Over 100 Countries Worldwide



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In line with NAFFCO policy for continuous product development,
NAFFCO has the right to change specifications without prior notice.