



شركة المصنع السعودي لأجهزة الإطفاء  
SAUDI FACTORY FOR FIRE EQUIPMENT Co.

Empowering  
a **Safer Future** for  
the Kingdom



**Fire Doors  
and Frames**  
(SFFECO Standard)

Quality Approvals for Various Products and Services

VER: 00-12/25

## The Global Standard in Fire Safety

Since 1983, SFFECO has been the trusted name and a recognized global leader in manufacturing top-tier fire-fighting equipment. We don't just offer products; we provide total fire safety solutions like fire doors, fire cabinets, fire pumps, fire extinguishing systems, etc. Our commitment to excellence is certified by multiple international standards, including ISO 9001 (Quality), ISO 14001 (Environmental), and ISO 45001 (Health & Safety). With state-of-the-art facilities in Riyadh and Dubai, we ensure every product meets rigorous international quality standards.

## One-Stop-Shop for Fire Protection

SFFECO is your single source for everything in fire protection and fire-fighting. Represented in over 100 countries through a vast network of dealers, our innovative approach and comprehensive, end-to-end product range deliver the full spectrum of solutions you need. We're dedicated to keeping you safe and updated, constantly integrating the latest fire-fighting technology into our knowledge and services. Choose SFFECO and get certified quality, global reach, and pioneering innovation—all in one place.



### Quality Services

SFFECO is deeply committed to ensuring superior performance and accuracy in every product it delivers. This dedication is maintained through continuous, close collaboration with a wide array of stakeholders, including key certification bodies, government regulatory agencies, industry partners, and leading technology associations. This concerted effort focuses on the development and delivery of truly innovative and high-quality fire-fighting solutions. The commitment to excellence is rigorously upheld through extensive product testing and evaluation, alongside a strict, ongoing process for continued product quality compliance, guaranteeing that SFFECO's equipment operates with assured reliability when it matters most.

SFFECO is dedicated to providing fire safety products of the highest quality and performance. We achieve this by working closely with certification bodies, government regulatory agencies, industry partners, and technology associations. This collaboration ensures our innovative products are backed by extensive product testing and evaluation, and maintained through continuous quality compliance.

As global leaders since 1983, SFFECO believes in manufacturing quality products and offering exceptional service standards worldwide. Our primary goal is to reward our customers by keeping their investments safe and secure. Our manufacturing plant has steadily grown and is now equipped with modern hi-tech equipment and staffed by highly skilled professionals. With optimal ISO-certified operations, we consistently roll out products that match global standards to serve the needs of the growing fire safety market.



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# Fire Doors and Frames

## Dimensions



| Door Type           | STANDARD SIZE OF DOOR LEAF |             |            | STANDARD SIZE OF DOOR INCLUDING FRAMES |              |             |
|---------------------|----------------------------|-------------|------------|----------------------------------------|--------------|-------------|
|                     | DOOR WIDTH                 | DOOR HEIGHT | DOOR DEPTH | FRAME WIDTH                            | FRAME HEIGHT | FRAME DEPTH |
| SF/SD - Single Door | 900 mm                     | 1950 mm     | 45 mm      | 1000 mm                                | 2000 mm      | 200 mm      |
| SF/DD - Double Door | 1900 mm                    | 1950 mm     | 45 mm      | 2000 mm                                | 2000 mm      | 200 mm      |

Note: Tolerance: 5mm

Other size of Doors / Frames are available on request



## General Specifications:

- ❖ The doors and frames are manufactured in a totally automated plant which employs computer numerical controlled (CNC) machines which ensures uniform quality and better finish.
- ❖ The fire doors and frames are manufactured at a state of the art facility.
- ❖ SFFECO has an expertise to manufacture a wide range of fire doors and frames to meet the specific requirements.
- ❖ These doors are designed for areas where strength, stability and durability are a priority.
- ❖ SFFECO Fire doors are manufactured to comply with various architectural requirements.
- ❖ The precise finish and elegant appearance makes SFFECO's fire doors suitable for all applications.
- ❖ Doors can be used in dry wall and masonry construction.
- ❖ Standard door leaf thickness is 45mm
- ❖ Standard material thickness is 1.2mm for doors and 2mm for frames
- ❖ Doors are supplied factory primed as standard. Alternatively, they can be supplied powder painted as per customer request.
- ❖ Doors are available in different size and design to meet architectural requirements.

## Technical Details:

| Material       | Specifications                                         |
|----------------|--------------------------------------------------------|
| Door material  | Cold Rolled Steel / Galvanized Steel / Stainless Steel |
| Frame material | Cold Rolled Steel / Galvanized Steel / Stainless Steel |
| Insulation     | Rock Wool (Standard) / Honeycomb (Optional)            |
| Color          | Grey (Standard) / As per customer requirement          |

### Note:

Fire doors and frames intended for installation in coastal or high-humidity environments are recommended to be fabricated from galvanized steel and finished with a special corrosion-resistant paint treatment to ensure long-term durability and performance.



# Fire Doors and Frames

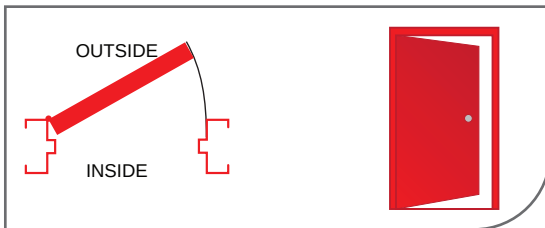
## Door Opening Type



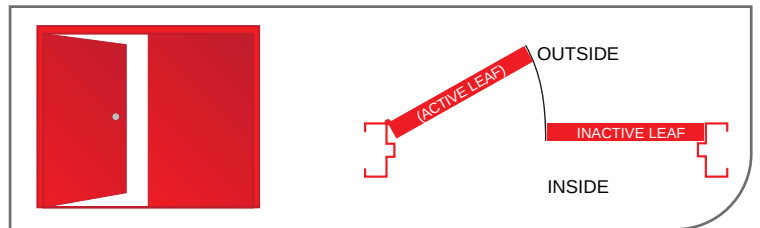
### Single Door

### Double Door

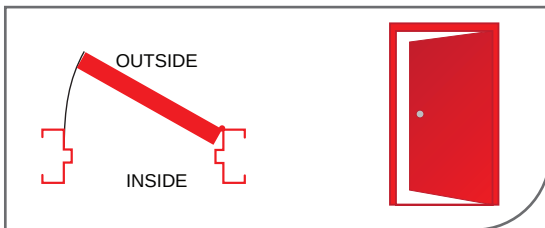
Door Opening Type: LH (Left Hand)



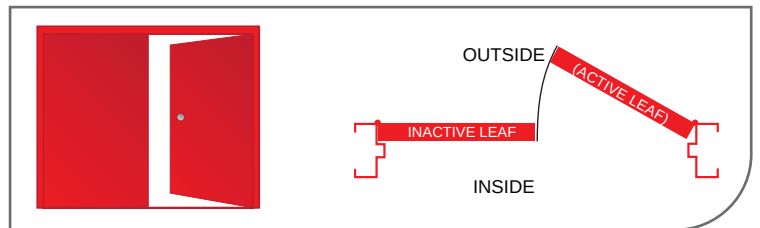
Door Opening Type: LHA (Left Hand Active)



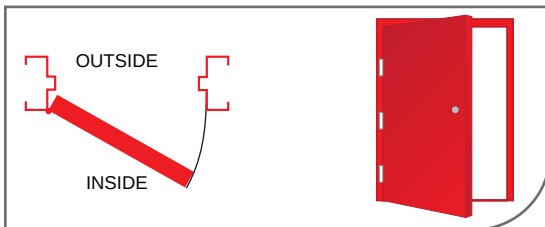
Door Opening Type: RH (Right Hand)



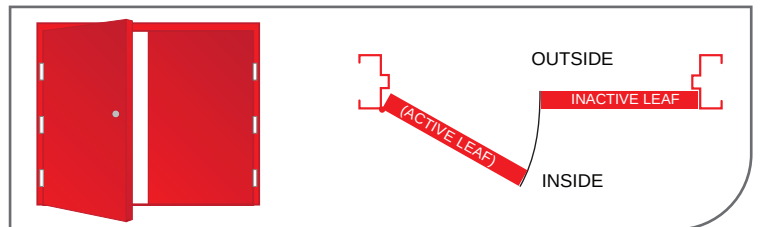
Door Opening Type: RHA (Right Hand Active)



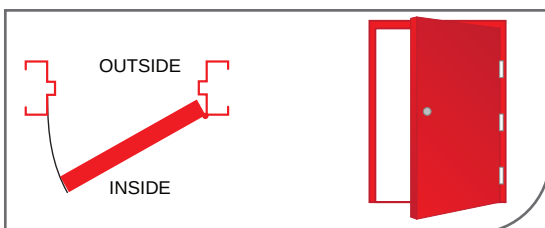
Door Opening Type: LHR (Left Hand Reverse)



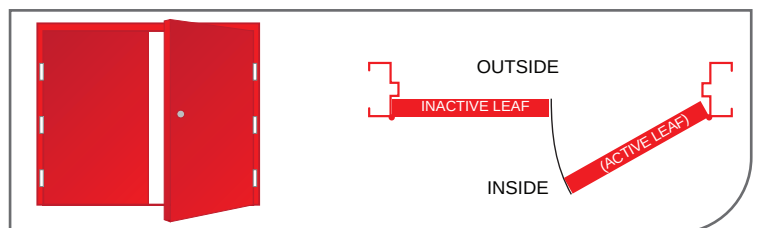
Door Opening Type: LHRA (Left Hand Reverse Active)



Door Opening Type: RHR (Right Hand Reverse)

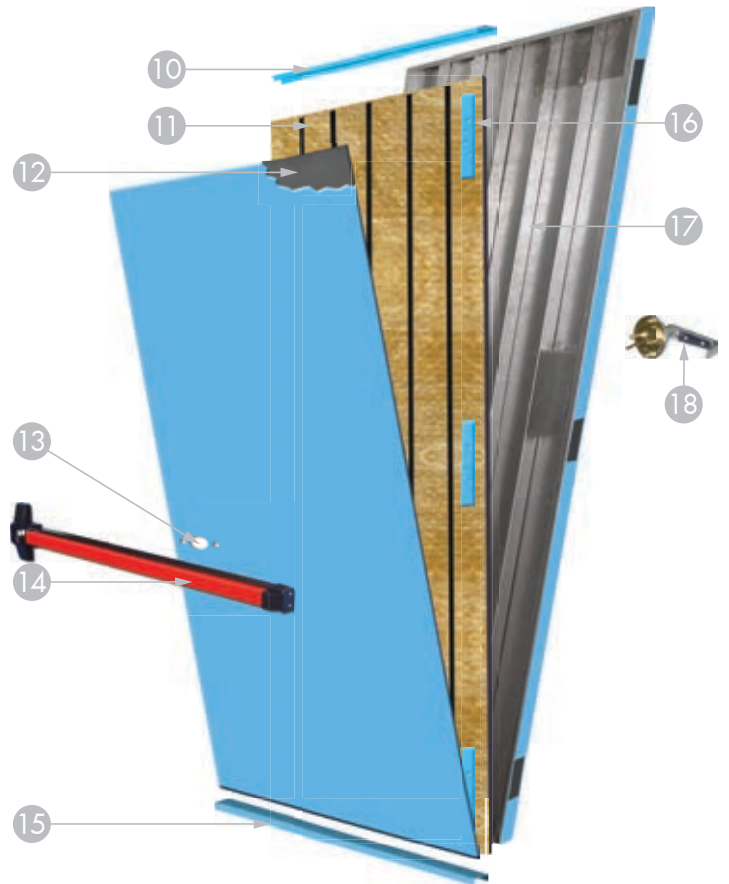
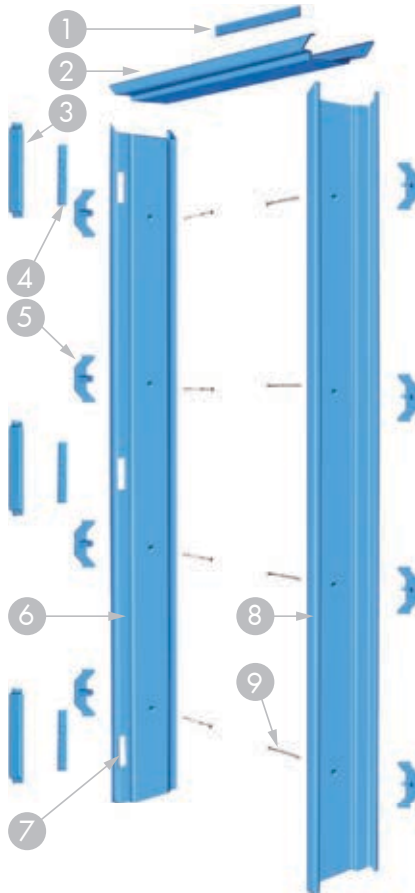


Door Opening Type: RHRA (Right Hand Reverse Active)



# Fire Doors and Frames

## Exploded View



### Door and Frame Accessories

- |                              |                              |                               |                         |
|------------------------------|------------------------------|-------------------------------|-------------------------|
| 1. Door closer reinforcement | 6. Hinge Jamb                | 11. Insulation material       | 15. Bottom Channel      |
| 2. Head jamb                 | 7. Hinge cutout              | 12. Door closer reinforcement | 16. Hinge reinforcement |
| 3. Mud box                   | 8. Strike Jamb               | 13. Cut out                   | 17. Stiffener           |
| 4. Hinge reinforcement       | 9. Expansion BoltTop channel | 14. Exit device               | 18. Outside handle      |
| 5. Anchor                    | 10. Top Channel              |                               |                         |



# Fire Doors and Frames

## Standard Accessories



Rim Exit Device for  
Single Doors



Hinges



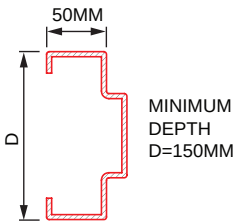
Rim Exit Device for  
Double Doors



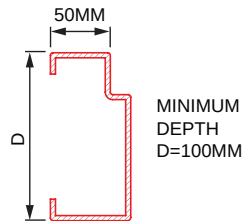
Flush Bolt



Surface Mounted Door  
Closer (Optional)



Frame: Double Rabbet



Frame: Single Rabbet



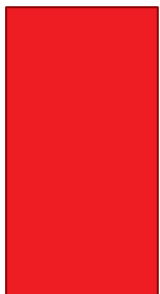
Wired Type  
Transparent Glass



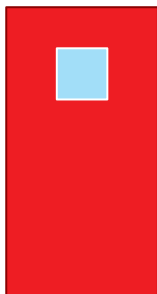
Wired Type  
Translucent Glass



Clear  
Transparent Glass



Full (F)



Vision Lite (V)



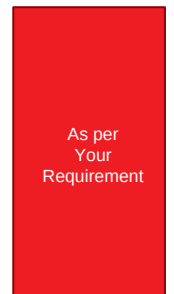
Narrow Lite (N)



Half Glass (G)



Louver (L)



Custom Design

SFFECO specializes in manufacturing a comprehensive range of fire-rated and non-fire-rated doors and frames tailored to customer requirements. Our architectural designs combine safety with aesthetics, enhancing the visual appeal of any building.

Our fire doors are tested and certified to international standards, ensuring exceptional performance under fire conditions. Designed for durability and stability, they are suitable for industrial entrances, utility rooms, basements, staircases, and elevator access points, as well as high-risk areas in electrical and petrochemical plants.



Since 1983, SFFECO has been a trusted name in fire protection, known for innovation and quality worldwide.

With state-of-the-art facilities in Riyadh and Dubai, we deliver a complete range of firefighting solutions that meet international standards.

Our innovative approach and comprehensive product portfolio make SFFECO the one-stop destination for reliable fire protection products and services.

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