



# SAUDI FACTORY FOR FIRE EQUIPMENT CO.



## FIRE DOORS



## & FRAMES



YOUR GLOBAL PARTNER FOR FIRE PROTECTION

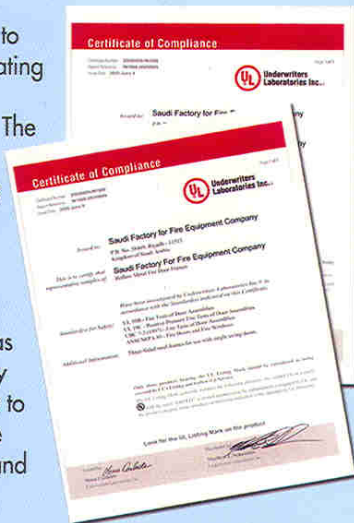
Unparalleled Innovation In Fire Protection



## INTRODUCTION

SFFECO is unique in the fire fighting industry. It is a leading – one solution – company that operates on a global level. SFFECO is a brand name that stands for innovation and excellence. Since it was established in 1985, SFFECO has been a pioneer in manufacturing remarkable products and providing superb services. SFFECO is ISO 9001 certified based on recommendations from the TUV of Germany and L.P.C.B. of United Kingdom for the whole organization and its activities.

SFFECO operates globally to emphasize its vision of creating complete and innovative solutions in fire protection. The company's international operations include exporting to 45 countries in Europe, Asia, Africa, and the Americas. Along with our clients and agents from all over the world, SFFECO has scripted a true success story of growing and expanding to become a key player in the fight against fire hazards and tragedies worldwide.



As part of its continuous strive for innovation, SFFECO has launched its world class fire resisting doors and frames operation. The fire doors and frames are manufactured in a totally automated plant which employs computer numerical controlled (CNC) machines and thus ensures uniform quality and superb finish. SFFECO has the capability to manufacture a variety of fire doors and frames to meet the specific requirements of customers.

SFFECO fire doors and frames have acquired the UL Listing, LPCB and FM approvals. The doors and frames have been manufactured and tested according to NFPA 252 or UBC 7-2 (1994), ANSI/UL 10C, UBC 7-2 (1997), LPS 1056 (22/11/96), BS 476-20(1987) and BS 476-22 (1987) which can achieve a fire rating requirements of 3 hours.

SFFECO fire doors are manufactured to comply with various architectural requirements. The precise finish and elegant appearance makes SFFECO's doors suitable for all applications.

# SFFECO

SFFECO's fire rated doors are made of Cold Rolled Steel, Galvanized Steel, or Stainless Steel. These doors are designed for areas where strength, stability and durability are a priority. Typical applications include entrances to industrial premises, to shops' service doors, to basements, to stair wells and to elevator shafts. They are also widely used as dividing or external doors in electrical and petrochemical plants.

There are three types of fire doors; on the basis of insulation material.

- 1) PSD - Polyurethane Steel Door
- 2) RSD - Rock Wool Steel Door
- 3) CSSD - Ceramic Stiffened Steel Door (UL Listed)



## DOOR LEAF

Material : Cold Rolled Steel, Galvanized Steel, or Stainless Steel  
 Material Thickness : Minimum of 1.2 mm  
 Door leaf Thickness : 45 mm  
 Finish : The doors are supplied factory primed as standard. Alternatively, they can be supplied powder painted per customer request.

### MAXIMUM DOOR OPENINGS:

Single Door : 1219mm X 2438mm (4ft X 8ft)  
 Double Door : 2438mm X 2438mm (8ft X 8ft)

### STANDARD SIZES:

Single Door : 900mm X 1950mm X 45mm  
 Double Door : 1800mm X 1950mm X 45mm



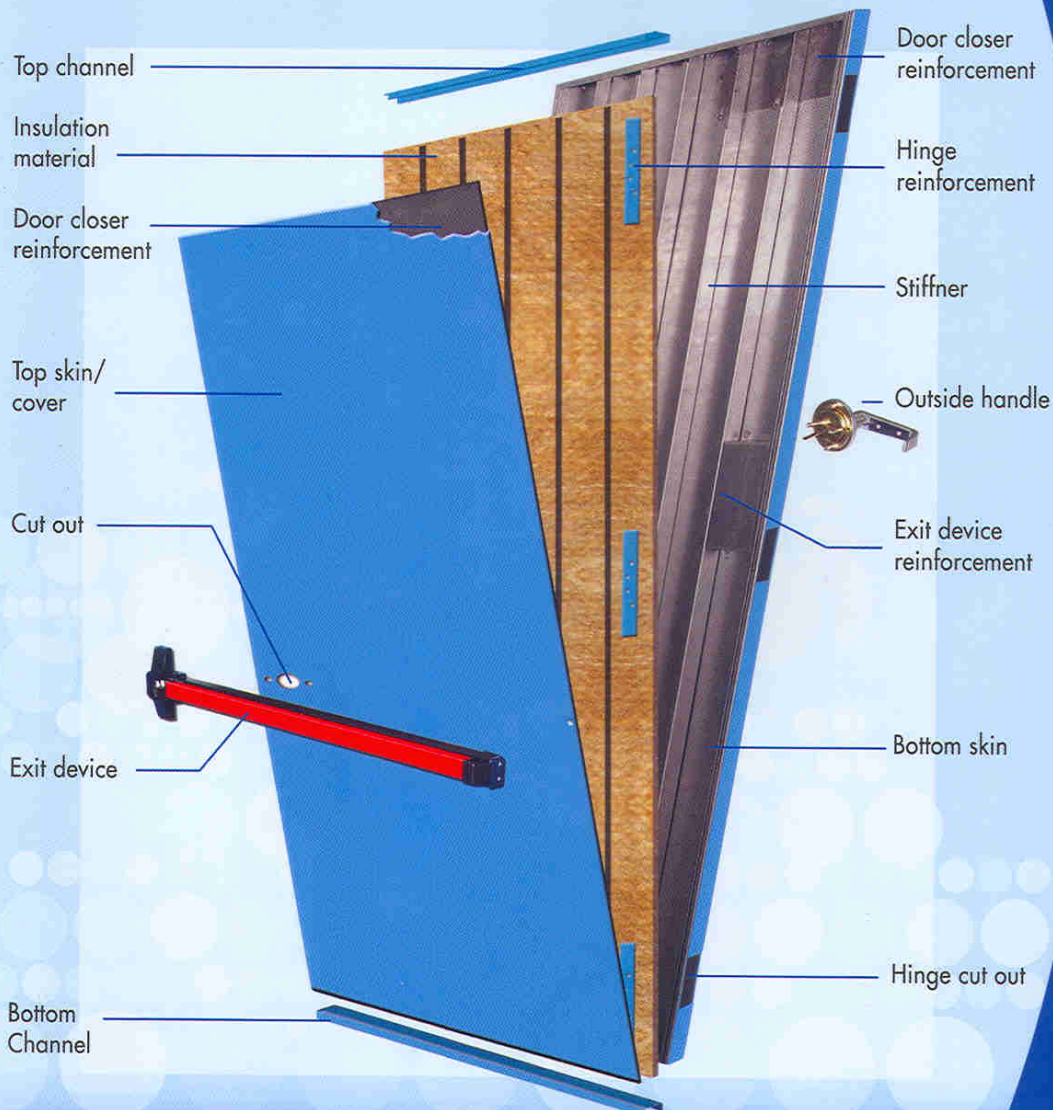
# FIRE DOORS

## STANDARD FIRE DOOR HARDWARE

Fire Rated Locks or Exit Devices with Latching units  
Ball Bearing Hinges  
Door Closer/Floor Closer  
Weatherstrip  
Door Bottom  
Flush Bolts (Double Door Only)  
Coordinators (Double Door Only)  
Astragal (Double Door Only)

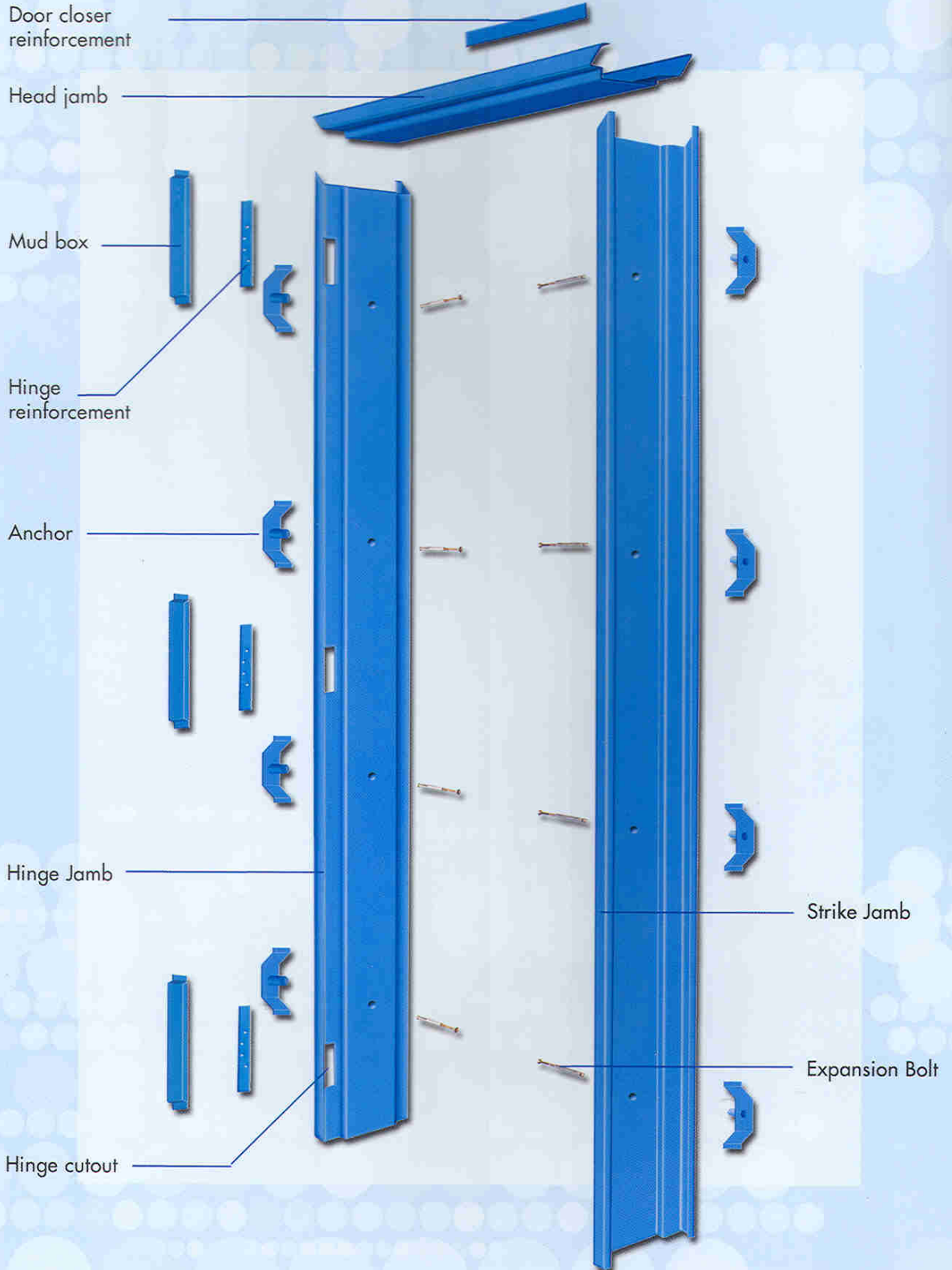
### OPTIONAL HARDWARE:

Kick Plate or Protection Plate  
Surface Bolts  
Threshold (Panic Threshold or Saddle Threshold)



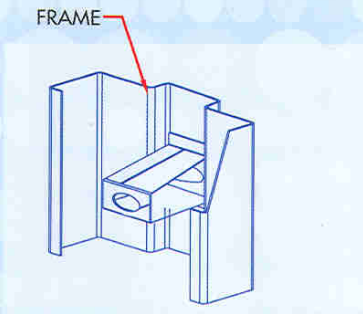


# SFFECO FIRE DOOR



# FRAMES

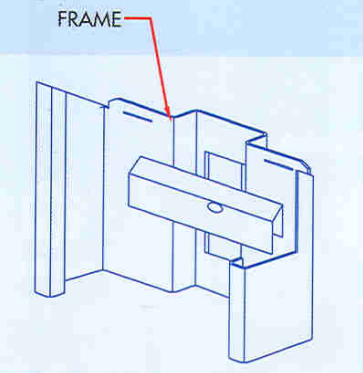
## MASONRY WALL



- Material : Cold Rolled Steel, Galvanized Steel or Stainless Steel
- Thickness : 1.5mm and 2.0 mm
- Construction : Welded or Knocked down
- Finish : Frames are supplied factory primed as standard. Alternatively, they can be supplied powder painted as per customer request.

Note: The dimensions given are for standard 45mm thick doors.  
SFFECO can also fabricate door frames with different dimensions.

## DRY WALL



- Material : Cold Rolled Steel, Galvanized Steel or Stainless Steel
- Thickness : 1.5mm and 2.0mm
- Construction : Knocked down only
- Finish : Frames are supplied factory primed as standard. Alternatively, they can be supplied as powder painted as per customer request.

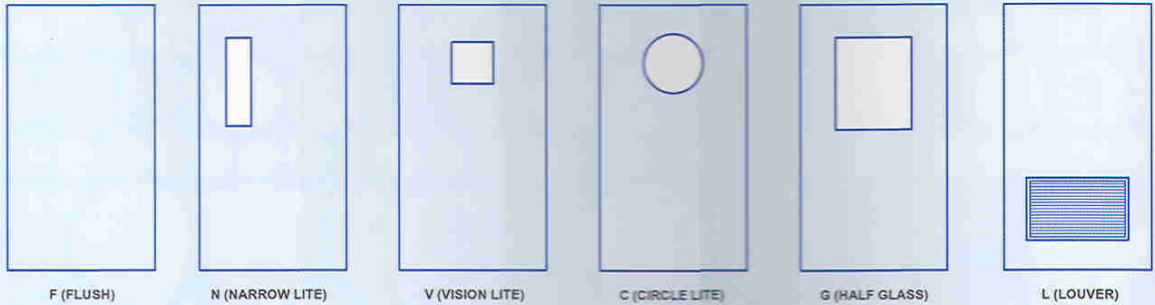
Note: The dimensions given are for standard 45mm thick doors.  
SFFECO can also fabricate door frames with different dimensions.





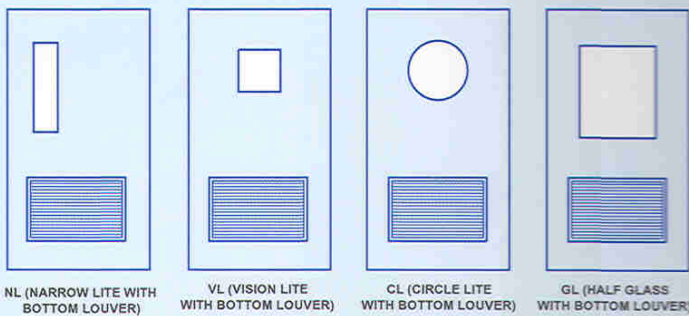
# STANDARD DESIGN OF DOORS

## STANDARD DESIGN OF DOORS

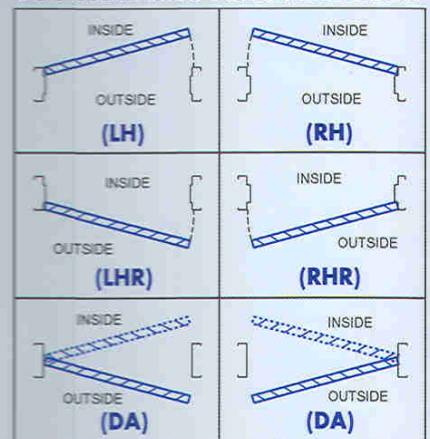


## CUSTOM DESIGN (CD),

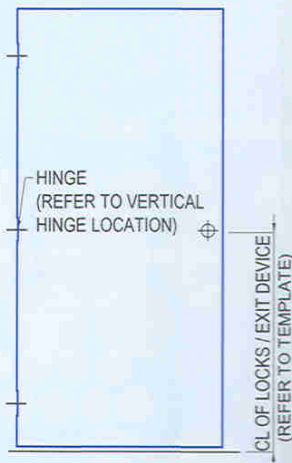
CD is a combination of optional designs applicable for non fire rated doors.



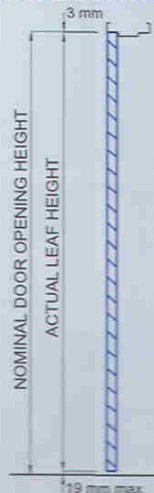
## DOOR HANDING FOR SINGLE DOOR



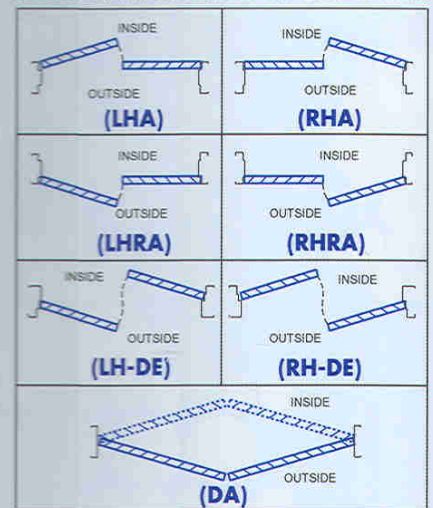
## DOOR ELEVATION



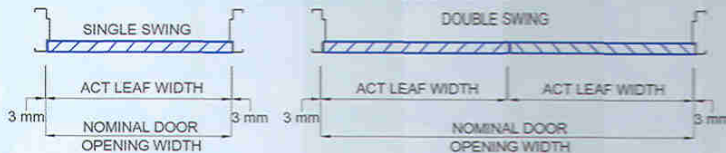
## VERTICAL SECTION



## DOOR HANDING FOR DOUBLE DOOR

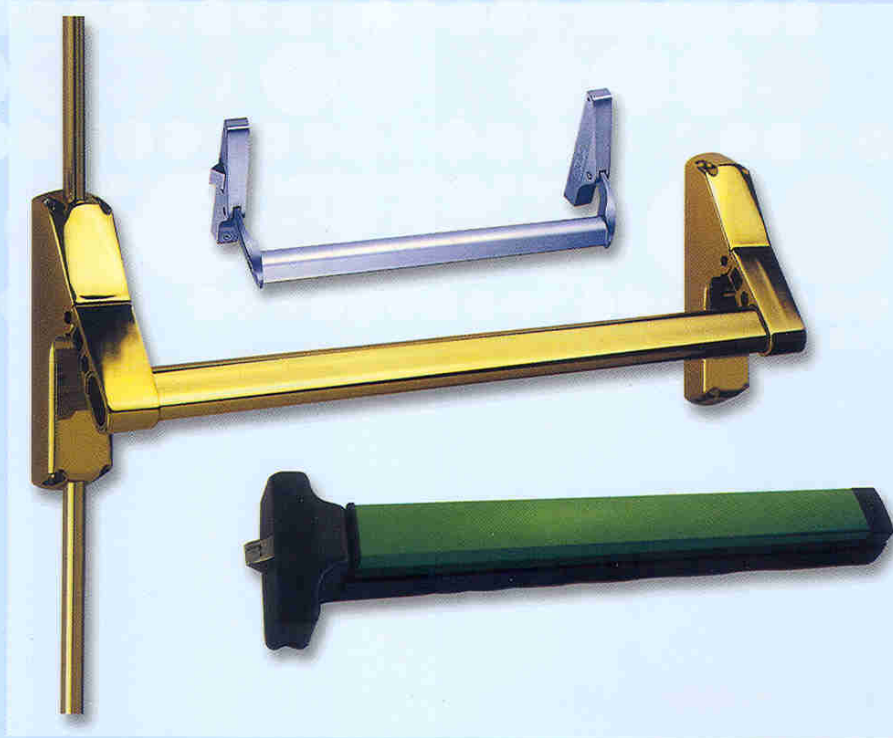


## HORIZONTAL SECTIONS

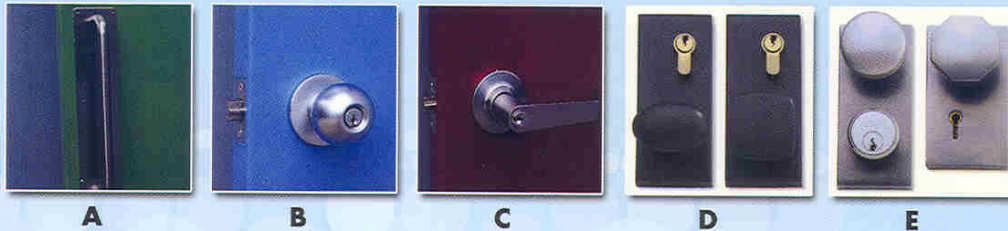


# DOOR ACCESSORIES

## UNIVERSAL HANDING



## OUTSIDE ACCESS DEVICES



## HARDWARE





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