



**ALFA PEB LIMITED**

**DOORS**  
**COLD ROOM DOORS** **ACOUSTIC DOOR**  
**SCIENTIFIC DOORS** **MULTI PURPOSE STEEL DOORS**  
**CLEAN ROOM DOORS**  
**FIRE RATED DOORS**



**Manufacturing Units:**

- Hosur/Tamilnadu - Unit 1  
PEB/Continuous Sandwich Puf Panel Production Line
- Bengaluru/Karnataka - Unit 2  
Steel Roofing Production Line
- Pune/Maharashtra - Unit 3  
Steel Purlin/Steel Decking/Steel Roofing Production Line
- Harohalli/Karnataka - Unit 4  
Clean Room Wall And Ceiling Panel/Cold Storage/Clean Rooms Doors & Steel Doors Production line
- Ahmedabad/Gujarat Unit 5  
All Types of Continuous Sandwich Puf Panel Production Line.

**Marketing offices:**

- Bengaluru Marketing office**  
43/41, Nanjappa Layout  
Stonarts. D Buildings, 3rd Floor,  
Audugodi, Bengaluru  
Karnataka 560 030
- Chennai**  
# 7, 1st Floor, Alsa Mall, No.149,  
Montieth Road, Egmore,  
Chennai - 600008
- Ahmedabad**  
Survey NO. 192, Paikki khata  
No 254 and survey No 212 Paikki 2  
village chancharvadi, Taluka: Sanand,  
District: Ahmedabad - 382213
- Hyderabad**  
1-6-46, Muttam Reddy Estate,  
Near Yadamma Nagar,  
Kanajiguda, Trimulgherry,  
Secunderabad-500 015
- Pune**  
Gat No.262, Alandi Phata,  
Opp. Hotel Gandharva,  
Nanekarwadi, Chakan,  
Pune- 410501
- Kochi**  
48/1775, Geethanjali Junction  
Near Vytila, Cochin - 682 019

Ph : 080-67451500/511/512/513

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An ISO 9001 -2008  
Certified Company

[www.cleanroomsolutions.co.in](http://www.cleanroomsolutions.co.in)  
[www.alfarooingsolutions.com](http://www.alfarooingsolutions.com)  
[www.steeldoors.com](http://www.steeldoors.com)

**COMPLETE STEEL DOOR SOLUTIONS**

[www.alfasteeldoor.com](http://www.alfasteeldoor.com)



## About Us

We are defined by innovation and our commitment to the highest of quality considered, solutions. We bring many years of experience and insight to truly understand the needs of our customers and the requirements of each project. Our metal doors and metal frames are the most rugged and durable in the commercial construction industry.

## Alfaa Doors

ALFAA DOOR meet an owner's, architect's, and builder's most demanding requirements. Increasingly, Alfaa doors is a full-service provider, as distinct from simply a door manufacturer. We emphasize on design, project management, installation, commissioning and service, allows us to be involved and ultimately take over the complete design to commissioning package. Whether its building envelope closure, high traffic corridors or store room access, the General Purpose Steel Doors has been designed to offer optimum performance.

Equally suited to commercial, retail, leisure, public, clean room transport and residential applications, this "go anywhere" doors blends durability and strength with a neat design that integrates perfectly with the opening for a flush frame to wall finish. Alfaa doors range, offers customers a broad spectrum of Door Solutions with unparalleled performance to suit the ever changing range of building applications.

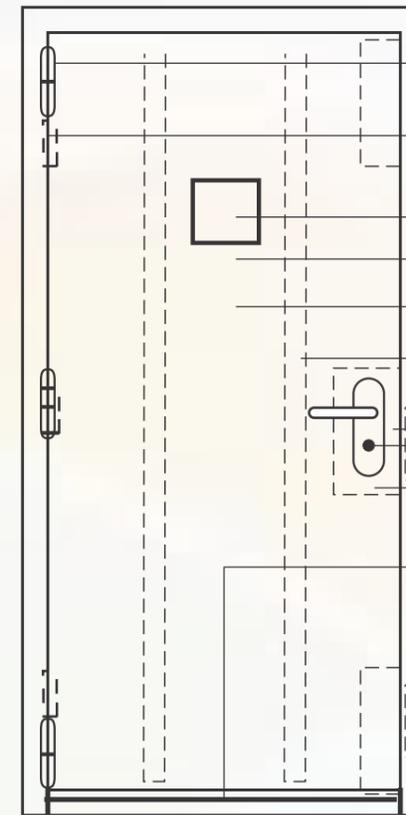


## Advantages

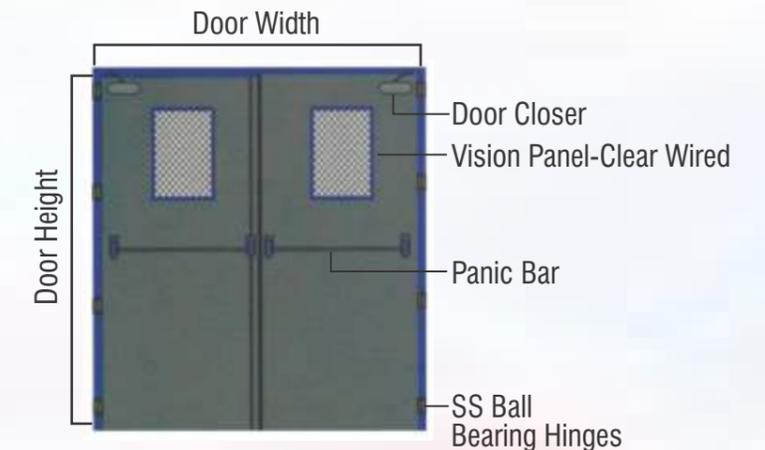
- Durability.
- Maintenance free.
- Easy to use.
- Aesthetic.

## Features and Benefits

- SS Hardwares.
- Easy to install with doors preassembled in perfectly matching frames and hardware fitted as standard.
- All doors are available as single and double door sets to suit a wide range of applications.
- All doors are suitable for internal or external use.
- Door faces are flush design and free of any joints, welds or seams. Steel stiffeners are bonded to face sheets.
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- Vertical edges are interlocked with a mechanical seam and reinforced with a reinforced epoxy resin, high viscosity, thixotropic sealant.
- Hinge reinforcements can easily be field converted to accommodate heavy weight hinges.
- Total quality is ratified in each stage of production for Accuracy and Quality.
- Interlocked, hemmed vertical edge seams for additional Rigidity.
- Various Louvre and window options are available on most products.
- Solid, louvred and glazed combinations are available with restrictions on certain Fire & Smoke and Acoustic products.



- **3 steel hinges** with ball bearing for ease of movement
- **3 hinge bolts** to prevent the tearing out of the door leaf in case of attack on the hinges
- **Vision panel** with anti theft bullet proof glass (optional)
- **Finish** galvanised steel
- **2.0 steel door leaf** for optimal strength
- **Internal reinforcement** to increase the mechanical resistance of the door leaf
- **Security lock** with 3 or 5 locking points
- **Cylinder** for the possibility of using a master key
- **Security escutcheon plates** outside handle, lever or fixed
- **Slim threshold rail** for an airtight bottom fit (optional)
- **Optional equipment**  
electric latch, motorised lock, magnetic lock, spyhole, door closer, Panic Bars Latches, Locks, Handles, Pushplate, Kickplate, Door seal, view glass in shapes Circular, Rectangular & Square, Thresholds and Door seeps.



### General Doors

This general purpose personnel/escape door is designed to cope with high traffic levels. These versatile doors can be fitted with door furniture to meet the most demanding specifications. Doors are available as single and double doors, to suit a wide range of applications.

### Limit Doors/Security Doors

Safe doors are designed to resist attempts at forced entry. The doors employ varying leaf and frame designs, panel thickness and reinforcing techniques to provide graded security levels. The grading descriptions allow an educated choice of security level. All doors are available for personnel or escape use.

### Clean Room Doors

Specifically designed for use in chemical industries, Laboratories, food processing industries and Hospitals.

Acoustic doors built and tested, exceeding the high standards required by environmental and local authorities for today's leisure and entertainment complexes. The correct ironmongery is essential for stated performance. These doors can be used in auditorium, cinemas, media centers industries and media.



### Limit Doors

These doors have been specifically designed to avoid immediate restriction from trespasses. It's built in design just looks like a panel. It has a wide range of applications for use in a sports complex and is often used by schools, sports centres, Auditorius, Theaters Malls, Hospitals, Media, Confidential Rooms, IT and Electronics and Government authorities.

These doors are designed to cope with high traffic levels and can be fitted with a variety of door furniture SOMKE STOP DOORS smoke seals fitted to the head, jambs and thresholds ensure a high-level of smoke passage prevention. Extensively used in all applications where fire is predominant in all sectors of construction industry.



### Emergency Exit Doors

These doors are emergency exit doors are generally used are emergency circumstances. Usually this types of door comes with a special accessory named as panic bar. Panic doors has a wide application for example is used in almost all Industrial, Commercial Complexes, IT and Electronics, processing lines, Distribution centers, Cinemas, Hotels, Power stations, Hospitals, Universities , Leisure Complexes, Media centers, Military bases Ect.....

Stainless steel door are highly durable and better finished. Stainless steel full flush construction rated for heavy-duty through maximum-duty use ideal for high-style architectural environments: health care, pharmaceutical, sanitation, natatorium, water treatment, chemical plants, coastal areas polystyrene core provides insulation characteristics and resistance to impact. The product life is even more than other type of doors.

## About the Door

| Door Technical Data's    | General Door | Clean room doors | Acoustic Doors | Security Doors               | Limit Doors                 | Fire Rated doors            | Multipurpose Steel Doors | Emergency Exit Doors                    |
|--------------------------|--------------|------------------|----------------|------------------------------|-----------------------------|-----------------------------|--------------------------|---|
| Door Thickness           | 35 /46mm     | 46mm             | 46/50mm        | 46mm                         | 46mm                        | 46mm                        | 35 /46mm                 | 46mm                                    |
| Core                     | Honey comb   | Honey comb       | PU/Rock wool   | Honey comb + Steel stiffened | Steel stiffened + Rock wool | Steel stiffened + Rock wool | Honey comb               | Honey comb/ Rock wool + steel stiffened |
| Skin                     | 0.8/1mm      | 0.8/1.2 mm       | 0.8/1.2 mm     | 1.2/1.6mm                    | 1.2mm                       | 1.2/1.6mm                   | 0.8/1.2mm                | 1.2/1.6mm                               |
| Galvanized/55 Edge Deign | Yes          | Yes              | Yes            | Yes                          | Yes                         | Yes                         | Yes                      | Yes                                     |

Hemmed edges & seamless edge upon request.

### Standard Door Opening Sizes

| Width |      |      |      |      |       |      |      |      |      |       |      |
|-------|------|------|------|------|-------|------|------|------|------|-------|------|
| Ft-in | 2'0" | 2'4" | 2'6" | 2'8" | 2'10" | 3'0" | 3'4" | 3'6" | 3'8" | 3'10" | 4'0" |
| mm    | 610  | 711  | 762  | 813  | 864   | 914  | 1016 | 1067 | 1118 | 1168  | 1219 |

Sizes shown are for single doors only: equal pairs of doors use twice the width indicated. Pairs of doors can consist of two unequal widths.

| Heights |      |      |      |       |      |
|---------|------|------|------|-------|------|
| Ft-in   | 6'8" | 7'0" | 7'2" | 7'10" | 8'0" |
| mm      | 2032 | 2134 | 2184 | 2388  | 2438 |

### Acoustic Doors



### Fire Doors

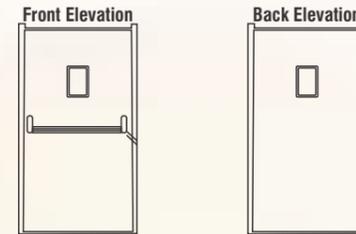


### Stainless steel Doors

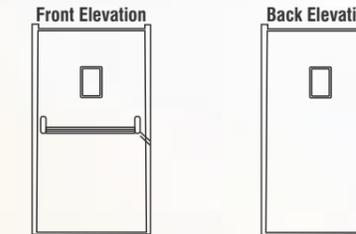


## Alfa Door Design

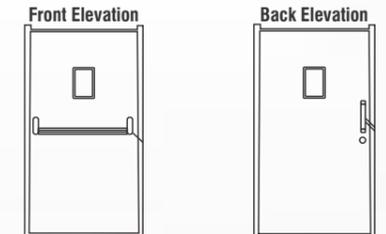
### Single Leaf Firerated Door without External Trim



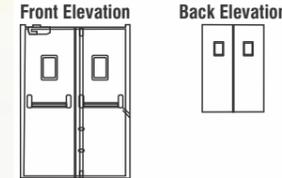
### Single Leaf Firerated Door with External Trim (Option-I)



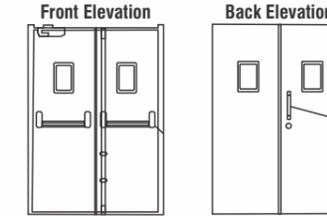
### Single Leaf Firerated Door with External Trim (Option-II)



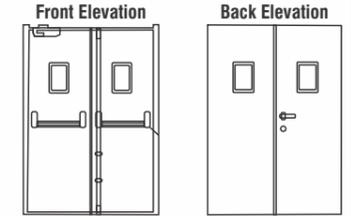
### Double Leaf Firerated Door without External Trim



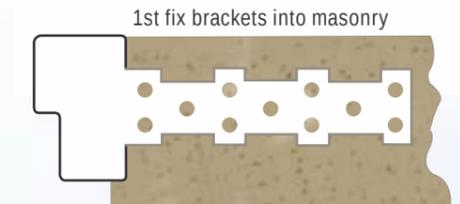
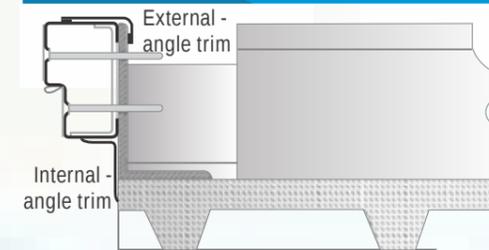
### Double Leaf Firerated Door with External Trim (Option - II)



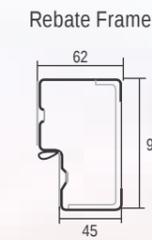
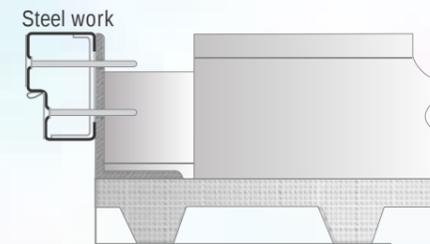
### Double Leaf Firerated Door with External Trim (Option - I)



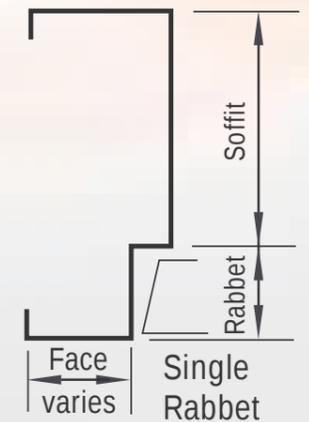
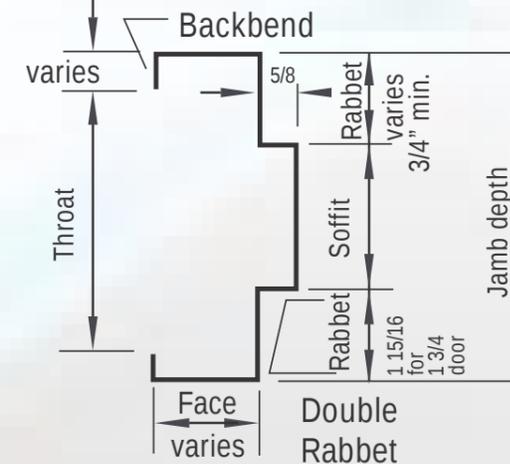
## Installation Frames

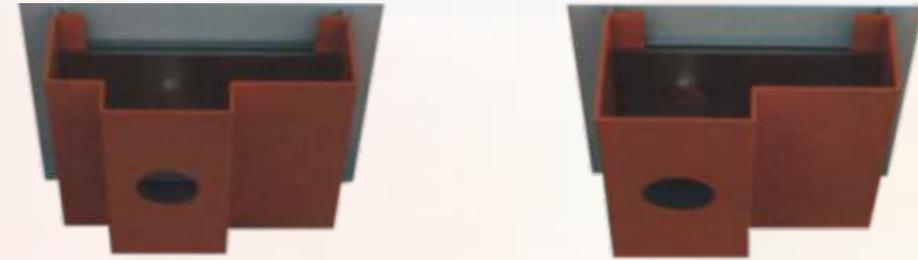
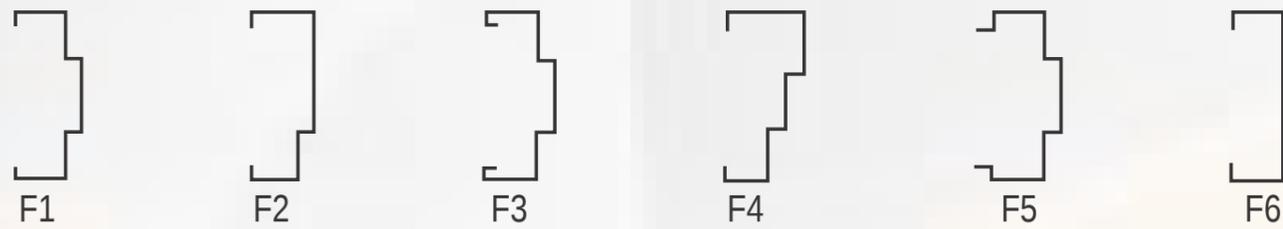


Angle trims for rebate frames can be used to disguise wide or irregular opening gaps, or eliminate the use of sealant.



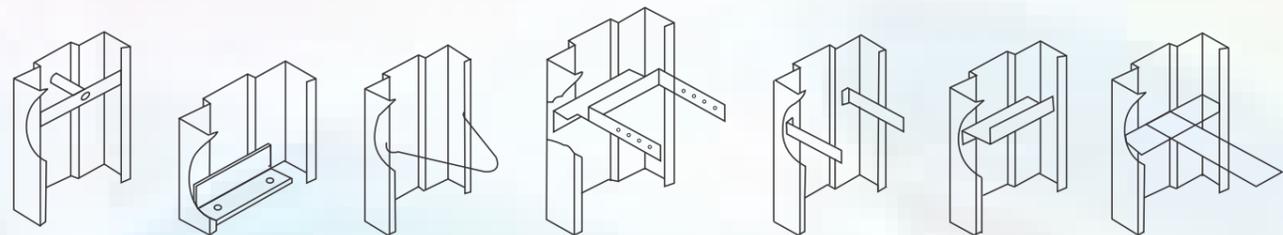
## Door Frames





Double rebbet frame standard sizes - 143 x 57 mm  
 Single rebate frame standard sizes - 100 x 57 mm & 100 x 69 mm  
 Frame assembly available in Mitered, Butted and Welded.

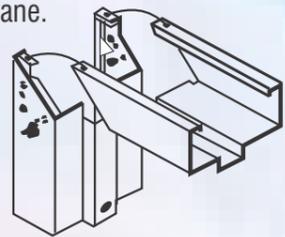
### Wall Anchors



### Corner Connection

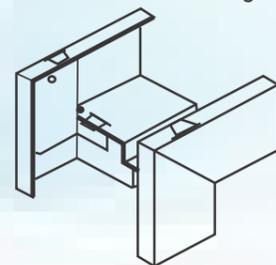
#### DRYWALL FRAME

Drywall frame corners lock together as the frame is installed. The tab design prohibits the head from raising and keeps the head and jamb members in the same plane.



#### FLUSH FRAME

Flush frame corners are designed to lock together by bending over four integral tabs. The frame can also be welded and ground smooth.



### Installation

Steel Doors additional strength and support compared to wooden units and are also longer-lasting. A steel door and frame can be installed into any type of wall including drywall or masonry partitions. Unlike residential pre-hung units, steel doors and frames are typically installed separately from one another. To improve your chances for a successful installation, it's important to size the door and frame correctly and use the right tools and equipment for your particular project. Alfaa can extend its Cooperation in Installation of doors and windows. We encompass a well trained Team of Professionals to take up the Installation and meet up your time frame.



fixing to a concrete wall



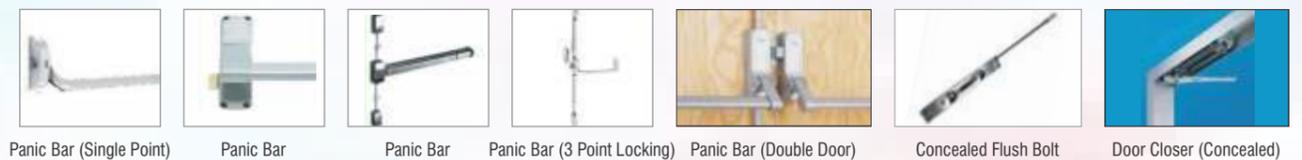
Fixing to a metal frame



fixing to a plaster board partition wall

### Door Hardware Preparation

#### Fire Door



Panic Bar (Single Point)    Panic Bar    Panic Bar    Panic Bar (3 Point Locking)    Panic Bar (Double Door)    Concealed Flush Bolt    Door Closer (Concealed)

#### Commercial Door



Lever Handle with Lock    Cylinder Lock    Cylinder Lock    Stopper    Door Closer    Door Handles



Stopper (Magnetic)



Door Seal