



# FIRE RATED METAL DOORS

- **Fire Rated Steel Doors and Frames**
- **Non-Fire Rated Doors and Frames**
- **Sliding Door**

➤ **HIGH QUALITY**

➤ **High technology  
production process  
Experienced**



**WWW.AHM-PC.COM**



**M.D@AHM-PC.COM**



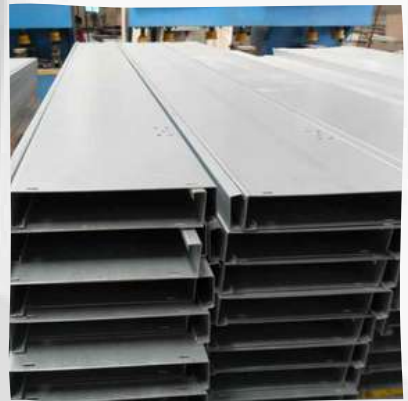
**+01122334488**

## certified steel doors & frames

**AHM manufactures a wide range of steel doors and frames that meet the diverse needs of our clients. Our steel doors are:**

- **Designed to meet the needs of owners, consultants, contractors and civil defense**
- **Produced in many sizes and gauges for both interior and exterior use.**
- **Manufactured to ensure trouble free operation, resist environmental stress and heavy-duty use, and provide any degree of security.**

**By using only the highest quality materials & advanced manufacturing techniques.**



- Metal Frame** 1 Manufactured from 1.5 mm to 3.0 mm sheet metal, delivered in two forms: corner welded or knock down type in a large variety of frame profiles.
- Metal Leaf** 2 Manufactured from 1.2mm to 2.0mm sheet metal, delivered with two core types: steel stiffened with rock wool or honeycomb.
- Lock** 3 AHM doors are manufactured to accommodate any type of lock according to consultant hardware specifications and project.
- Door Closer** 4 All doors are manufactured for standard overhead door closer installation. Upon request doors can also be manufactured for concealed door closer installation.
- Hinges** 5 AHM doors are manufactured to receive all types of hinges according to consultant hardware specifications and project .
- Vision Panel** 6 AHM doors are fitted with our custom made and tested vision panel; vision panels can be provided in large variety of sizes and glass types.
- Louvers** 7 Fire rated and non-fire rated louvers can be fitted into all doors to meet MEP requirement





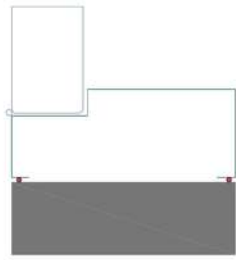
## FRAME PROFILES



### Profile types

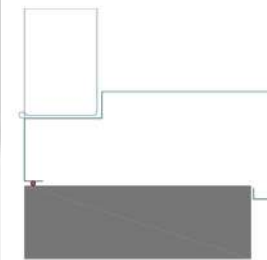
A large variety of frame profiles are available to suit project and consultant specifications. All frames can be single rebate for a flush or recessed appearance and double rebated to match the overall width of the wall for a "wrap around" appearance.

#### Type SFS



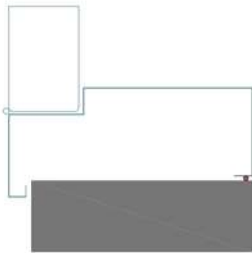
Standard Frame  
Single Rabbit

#### Type SFSA



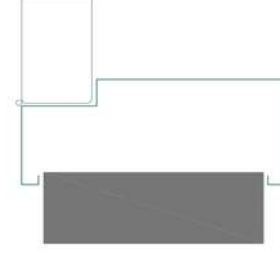
Standard Frame  
Single Rabbit with  
Arc against Hinge  
Side

#### Type SFSH



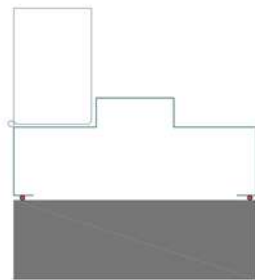
Standard Frame  
Single Rabbit with  
Arc Hinge Side

#### Type SFSR



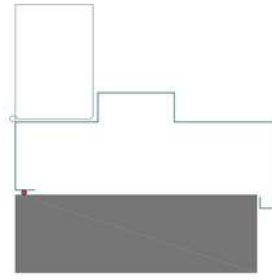
Standard Frame  
Single Rabbit  
Architrave Rap  
Around

#### Type SFD



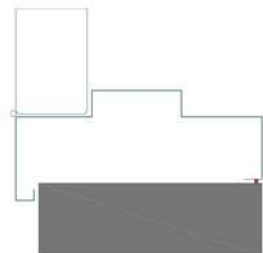
Standard Frame  
Double Rabbit

#### Type SFDA



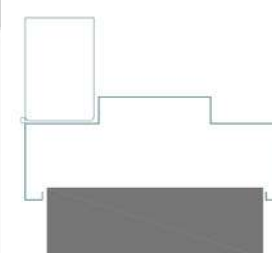
Standard Frame  
Double Rabbit  
With Arc Against  
Hinge Side

#### Type SFDH



Standard Frame  
Double Rabbit with  
Arc Hinge Side

#### Type SFDR



Standard Frame  
Double Rabbit  
Architrave Rap  
Around



# ACCESSORIES



**PANIC BAR EXIT DEVICE**



**DOOR CLOSER**

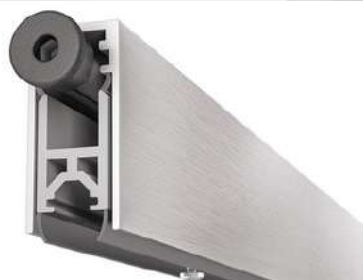


**HINGE**



**OUTSIDE LEVER TRIM**

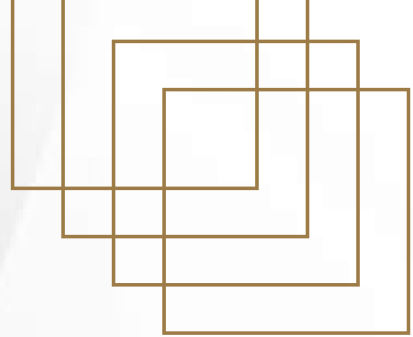
- Accessories used in A.H.M are all top quality with incomparable unique functions.
- Doors are supplied with lock , handles(or panic hardware ), euro cylinders and 3 keys.
- Handle and Panic bar are cast aluminium (rust proof) which can be used in all climate conditions.



**DOOR BOTTOM STRIP**



**LOCK**



# FIREFIGHTING METAL DOORS TO 120 MIN

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## ● Size

**Custom sizes available**

## ● Fire Rating

**Up to 60/90/120 min as per standards**

## ● Material

**old Rolled Coil (CRC),  
Galvanized Steel (GI)**

## ● Leaf Steel Sheet Thickness

**> 1.25mm**

## ● Frame Steel Sheet Thickness

**> 1.50mm**

- **Door Leaf Thickness** 45-47mm
- **Core Construction** Steel Stiffened Rockwool or Honeycomb Core
- **Frame Anchoring** Expansion Type (for masonry walls)  
Z-type (for dry walls)  
Other types available upon request.
- **Frame Jamb Depth** From 100-500mm standard (150mm)
- **Door Construction** Interlocking / Welded
- **Handing** Right Hand (Inward or Outward)  
Left Hand (Inward or Outward)
- **Hardware** Must be fire rated
- **Optional** Fire Rated Automatic Louver (up to 610mm x 610mm)  
Vision Panel (up to 500mm x 1000mm)





# NON FIRE RATED METAL DOORS ...



- **Size**      **Custom sizes available**
- **Paint**      **Electrostatic Powder Coating**  
**Liquid Painting (Epoxy, Doko & Oil Paint)**  
**Finish / Touch up paint applied at site**
- **Frame Anchoring**      **Expansion Type (for masonry walls)**  
**Z-type (for dry walls)**  
**Other types available upon request.**
- **Frame Corner**      **Welded Type**





● Leaf Steel Sheet Thickness	1.25 - 3.00 mm
● Frame Steel Sheet Thickness	1.25 - 3.00 mm
● Door Leaf Thickness	> 45mm
● Core Construction	Steel Stiffened Rockwool or Honeycomb Core
● Frame Jamb Depth	From 100-500mm standard (150mm)
● Door Construction	Interlocking / Welded
● Handing	Right Hand (Inward or Outward) Left Hand (Inward or Outward)
● Hardware	According to Project specification
● Optional	Louver, Sand Trap, Vision Panel, Half Glass and other custom options upon request





- **AHM fire doors are coated in a modern robotic electrostatic powder coating line. While standard color is RAL 9002, any requested RAL color can be applied. Fire door frame and leaf may be in different RAL colors as well as inner and outer of leaf. For a better powder penetration, galvanized steel which has a special surface is used. Due to galvanized steel usage in production of leaves and frames, fire rated steel doors have high corrosion resistance. Fire doors are coated with polyester electrostatic powder which is appropriate for both outdoor and indoor usage providing UV resistance.**









## Our last work



### **Sharm El Sheikh Airport**

- **86 Metal door for Sharm El Sheikh Airport**
- **61 Fire rated door (120 minutes)**
- **25 Non Fire rated door**





**WE DEVELOP  
TO MEET  
YOUR NEEDS**

**DO NOT HESITATE TO**

**Contact us**



**01122334488**



**[www.ahm-pc.com](http://www.ahm-pc.com)**



**149 A elzahraa building - haram - giza**