



**Fire Rated Steel Doors**

**Fire Rated Access Panels**

**Fire Rated Wooden Doors**



## Abu Dhabi Civil Defence

United Arab Emirates  
Ministry of Interior  
General Directorate of Civil Defence  
General Department of Civil Defence - Abu Dhabi

1:  Agent  Manufacturer  (24)

2: 065384045  
Abu Dhabi 47632  
Dhabi Abu Dhabi Abu Dhabi, abu.  
FARISALOSOU.LAE.COM  
29  
(20476531105531713582)

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## Abu Dhabi Civil Defence Installation

United Arab Emirates  
Ministry of Interior  
General Directorate of Civil Defence  
General Department of Civil Defence - Abu Dhabi

بوزارة الدفاع  
وزارة الداخلية  
القيادة العامة للقوى المسلحة  
إدارة الدفاع المدني - أبوظبي

رقم الترخيص: 065384045  
سنة الترخيص: 2024  
عدد الترخيص: 1

الاسم التجاري للمنشأة: شركة الدفاع المدني  
اسم صاحب الترخيص: سوسن ابراهيم احمد بن شريف

نوع النشاط: 1  
1. Detection and fire alarm system  
2. Fire-fighting systems  
3. Ventilation & smoke control system  
4. Anti-fire materials and coatings  
5. smoke and fire resistant doors windows and breakers  
6. External anti-fire coatings  
7. Central Gas System

رقم الهاتف: 065384045  
عنوان الشركة: شارع النخيل  
Dhabi Abu Dhabi Abu Dhabi, abu.  
FARISALOSOU.LAE.COM

تاريخ تأسيس المنشأة: 2000  
تاريخ الإصدار: 2024  
عدد المقيمين المعتمدين: 0

رقم الترخيص: 065384045  
سنة الترخيص: 2024  
عدد الترخيص: 1

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## Sharjah Civil Defence

United Arab Emirates  
Ministry of Interior  
General Directorate of Civil Defence  
General Department of Civil Defence - Sharjah

1: (24)

2: 0  
Sharjah 83867  
Sharjah Sharjah 13, Area Industrial.  
0  
(2180362930553713854)

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## Dubai Civil Defence

القيادة العامة للقوى المسلحة  
إدارة الدفاع المدني - دبي

رقم الترخيص: 0-38  
سنة الترخيص: 2024  
عدد الترخيص: 1

الاسم التجاري للمنشأة: شركة الدفاع المدني  
اسم صاحب الترخيص: سوسن ابراهيم احمد بن شريف

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عنوان الشركة: شارع النخيل  
Dhabi Abu Dhabi Abu Dhabi, abu.  
FARISALOSOU.LAE.COM

تاريخ تأسيس المنشأة: 2000  
تاريخ الإصدار: 2024  
عدد المقيمين المعتمدين: 0

رقم الترخيص: 065384045  
سنة الترخيص: 2024  
عدد الترخيص: 1

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## Umm Al Quwain Civil Defence

United Arab Emirates  
Ministry of Interior  
General Directorate of Civil Defence  
Department of Civil Defence - Umm Al Quwain

بوزارة الدفاع  
وزارة الداخلية  
القيادة العامة للقوى المسلحة  
إدارة الدفاع المدني - أم القيوين

رقم الترخيص: 065384045  
سنة الترخيص: 2024  
عدد الترخيص: 1

الاسم التجاري للمنشأة: شركة الدفاع المدني  
اسم صاحب الترخيص: سوسن ابراهيم احمد بن شريف

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رقم الهاتف: 065384045  
عنوان الشركة: شارع النخيل  
Dhabi Abu Dhabi Abu Dhabi, abu.  
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تاريخ تأسيس المنشأة: 2000  
تاريخ الإصدار: 2024  
عدد المقيمين المعتمدين: 0

رقم الترخيص: 065384045  
سنة الترخيص: 2024  
عدد الترخيص: 1

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## Ajman Civil Defence

United Arab Emirates  
Ministry of Interior  
General Directorate of Civil Defence  
General Department of Civil Defence - Ajman

بوزارة الدفاع  
وزارة الداخلية  
القيادة العامة للقوى المسلحة  
إدارة الدفاع المدني - عجمان

رقم الترخيص: 065384045  
سنة الترخيص: 2024  
عدد الترخيص: 1

الاسم التجاري للمنشأة: شركة الدفاع المدني  
اسم صاحب الترخيص: سوسن ابراهيم احمد بن شريف

نوع النشاط: 1  
1. Detection and fire alarm system  
2. Fire-fighting systems  
3. Ventilation & smoke control system  
4. Anti-fire materials and coatings  
5. smoke and fire resistant doors windows and breakers  
6. External anti-fire coatings  
7. Central Gas System

رقم الهاتف: 065384045  
عنوان الشركة: شارع النخيل  
Dhabi Abu Dhabi Abu Dhabi, abu.  
FARISALOSOU.LAE.COM

تاريخ تأسيس المنشأة: 2000  
تاريخ الإصدار: 2024  
عدد المقيمين المعتمدين: 0

رقم الترخيص: 065384045  
سنة الترخيص: 2024  
عدد الترخيص: 1

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- UAE CIVIL DEFENCE APPROVED
- KSA CIVIL DEFENCE APPROVED
- KUWAIT CIVIL DEFENCE APPROVED
- JORDAN CIVIL DEFENCE APPROVED
- OMAN CIVIL DEFENCE APPROVED
- BAHRAIN CIVIL DEFENCE APPROVED
- QATAR CIVIL DEFENCE APPROVED





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# Steel Door Construction Overview

## Description

Steel Doors are fabricated fully Flush seamless, with seam Glazed Panel, Stiffeners and laminated core models suitable for any commercial residential buildings, industrial, hospitals, hotels, schools, available with wide range of glass lights and with louver preparation ETC.

Different types of cores with single and double leaf configuration.

Customized Design as per Customer requirements.

## Specifications

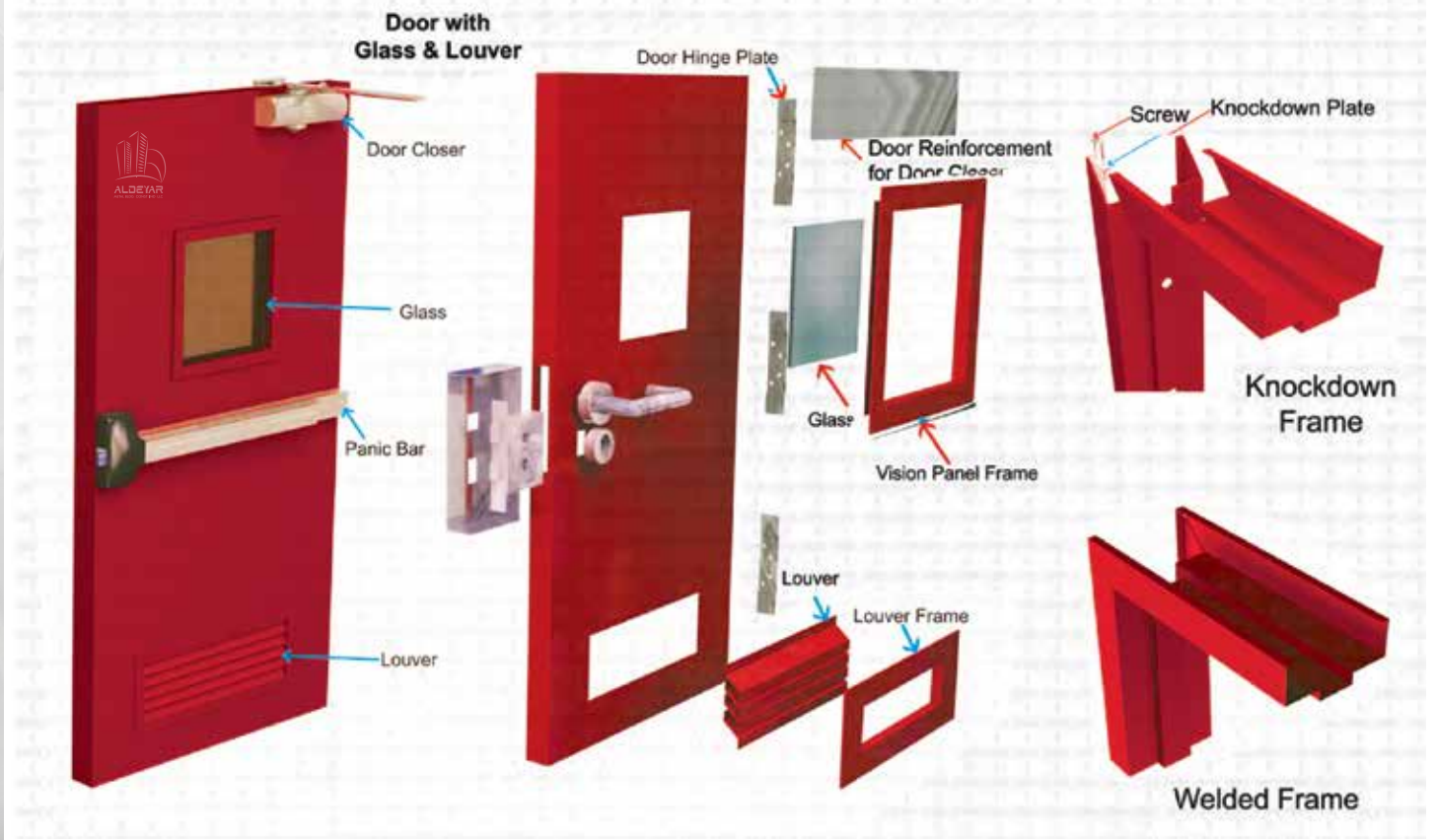
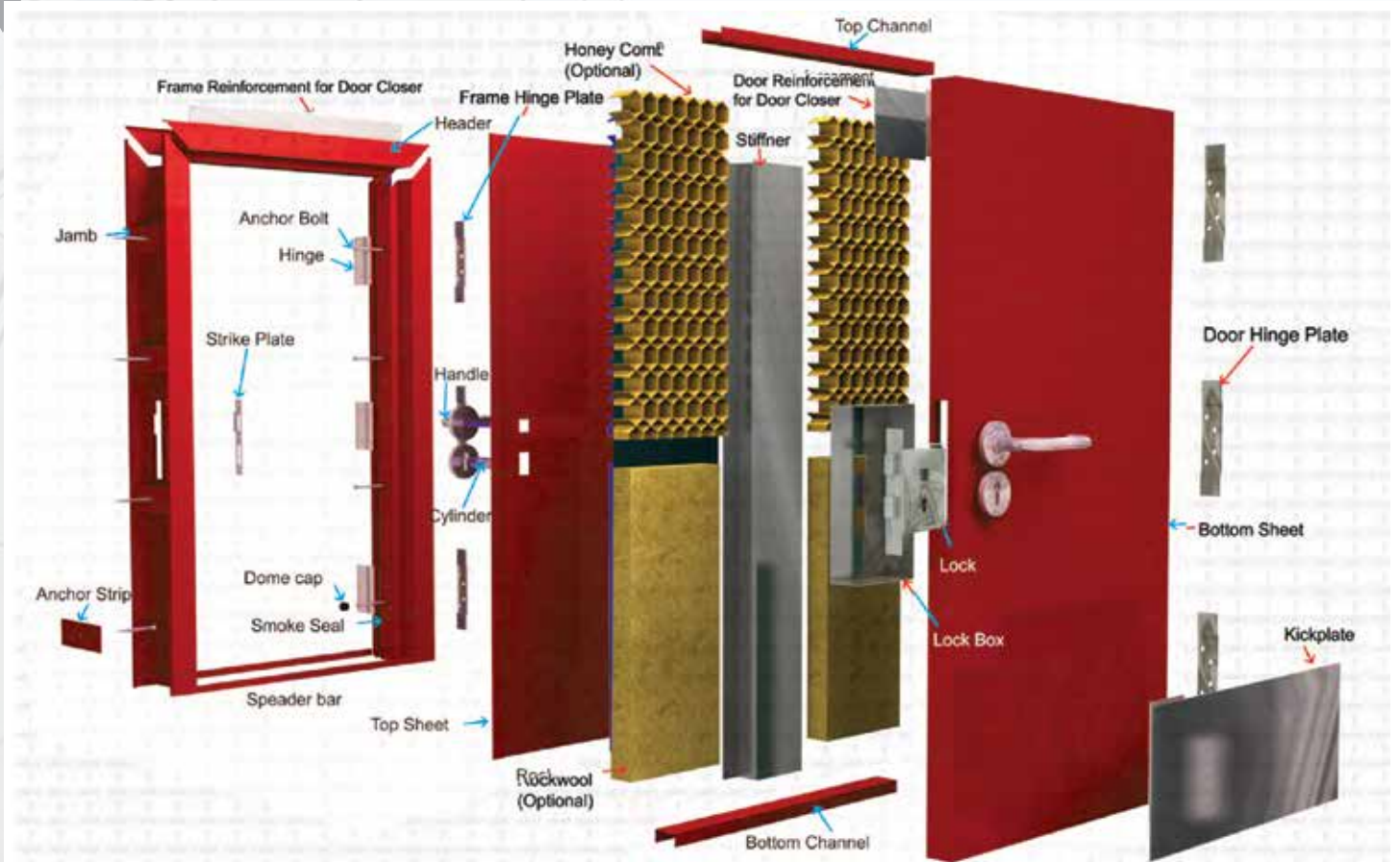
<b>Construction</b>	Mechanically interlocked, hemmed vertical edge seam with inverted top and bottom channel welded to both face sheets
<b>Materials</b>	Cold rolled galvanized steel sheet confirm to ASTM or equivalent standard
<b>Gauge/Door Thickness</b>	45-80mm thick door with skin thickness 0.9 to 2mm
<b>Core Or Insulation</b>	Honeycomb / Rockwool
<b>Application</b>	Light to extra heavy duty use as per SDI
<b>Frame Gauge/Jamb Depth</b>	1.5 to 4mm/ up to 500mm
<b>Ironmongery</b>	Certified as per door test standard BS, EN and UL
<b>Fire Rating</b>	Up to 240 minutes as per EN/BS and 120 minutes as per UL
<b>Test Standard</b>	EN 1634-1/ BS 476 part20-22/ UL10C
<b>Certification</b>	Intertek, BM trada, Exova Warrington
<b>Finish</b>	Powder coated/ Wood finish/ Wet paint meets ANSI A 250.3 and ANSI A 250.10

## Additional Features

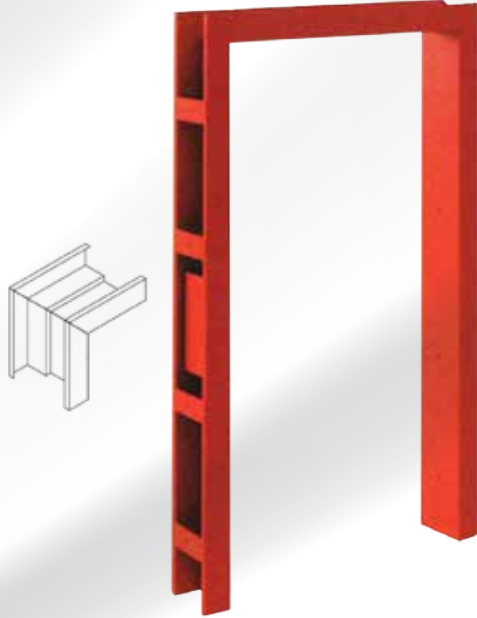
- Seamless welded design
- Vision panel
- Bottom Louver/ Grille
- Alternate Stainless-steel material
- Additional top panel
- Knock down frame /Groove frame with kerf gasket
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- STC/Acoustic and Fire rating together up to 47 db



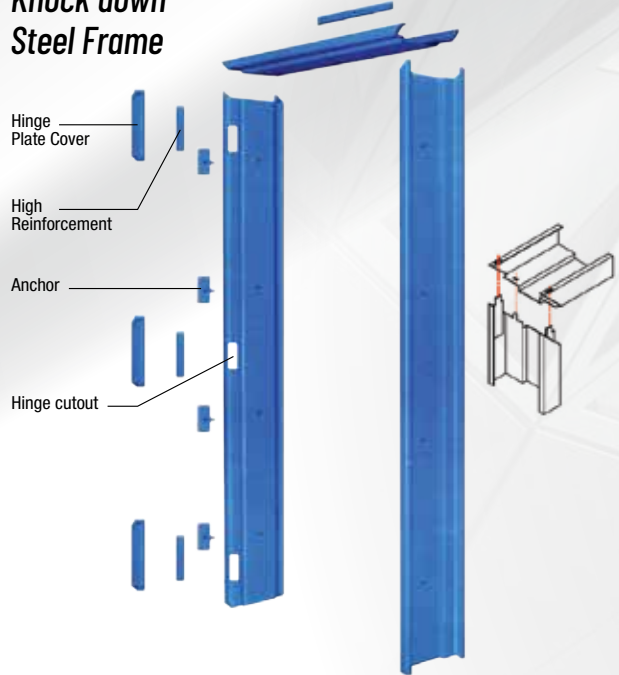
# Steel Door Construction Overview



## Welded Type



## Knock down Steel Frame



## MW Series Frames Construction Features

<p>① <b>KNOCKED DOWN AFTER ASSEMBLY</b></p>	<p>① <b>KNOCKED DOWN CORNER CONSTRUCTION</b></p> <p>HEAD JAMB</p>
<p>② <b>HINGE PREPARATION</b></p> <p>114 mm ANSIA A 158.7 TEMPLATE 4.5 mm HINGE REINFORCEMENT</p>	<p>③ <b>LOCK STRIKE PREPARATION</b></p> <p>CYLINDRICAL (70 mm) ANSIA 115.2 TEMPLATE 2.0 mm STRIKE REINFORCEMENT</p>
<p>(OTHER TYPES AVAILABLE)</p> <p>④ <b>CLOSER REINFORCEMENT</b></p> <p>TYPICAL REGULAR ARM CLOSER APPLICATION SHOWN. OTHER APPLICATIONS ALSO AVAILABLE</p> <p>400 mm</p> <p>(OPTIONAL) 2.0 mm WELDED CLOSER REINFORCEMENT</p>	<p>(OTHER TYPES AVAILABLE)</p> <p>⑤ <b>DOOR SILENCER (MUTE)</b></p> <p>RUBBER MUTE (3) / STRIKE JAMB (2) / DOUBLE SWING HEAD</p> <p>MUTE</p>
<p>⑥ <b>EXISTING OPENING ANCHOR</b></p> <p>(STANDARD)</p>	<p>⑥ <b>EXISTING OPENING ANCHOR</b></p> <p>Welded type</p> <p>(OPTIONAL)</p>

<p>S</p> <p>Varies</p> <p>Single rabbet</p>	<p>D</p> <p>Varies</p> <p>Double rabbet</p>	<p><b>Flush architrave</b></p>	
<p>SD</p> <p>Varies</p> <p>Single rabbet</p>	<p>D</p> <p>Varies</p> <p>Double rabbet</p>	<p><b>Single architrave</b></p>	
<p>SD</p> <p>Varies</p> <p>Single rabbet</p>	<p>DD</p> <p>Varies</p> <p>Double rabbet</p>	<p><b>Double architrave</b></p>	
<p>WCG</p>	<p>WG</p>	<p>WCG</p>	<p><b>Grooved Frame</b></p>

Flush, Single and double architrave

# Door Infill Details, Vision Panel & Fire Rated Louver Details

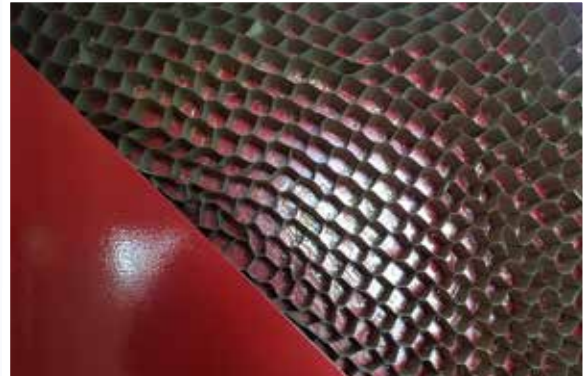


## Rock Wool / Mineral Core

Rock Wool / Mineral Core made from molten basalt rocks spun to fine fibers & bonded with thermosetting phenol resin used for thermal insulation, acoustical & fire barrier.

Provide with suitable vertical stiffeners .

Commonly used for our fire rated doors.



## Honeycomb Core

Honeycomb Core is made from layers of paper or cardboard together by parallel & uniformly spaced lines of adhesive, light weight & high strength.

Glued to the interior surface of the door skin door leaf is the pressed for a couple of hours to maintain the flatness of the door.

Compressive strength is equal to 1.4 kg/cm<sup>2</sup>, Commonly used for fire rated doors.

## Vision Panel

Door leaf can be provided with vision Panel for visibility.



## Louvers - Fire Rated

Labeled doors can be provided with optional louvers with fusible link / intumescent for a maximum size of 600 x 600 mm upto 90 minutes. Fire rated doors.



# Fire Rated Single Leaf Doorset With / Without Vision Panel

## Description

Steel doors are of flush or glazed panel with steel stiffeners and laminated core design suitable for any commercial residential buildings, industrial, hospitals, hotels, schools, available with wide range of glass lights and with louver preparation ETC.

Different types of cores with single and double leaf configuration.

*Our doors and frames can be customized to the customer needs in terms of design and build.*

## Specifications

<b>Construction</b>	Mechanically interlocked, hemmed vertical edge seam with inverted top and bottom channel welded to both face sheets
<b>Materials</b>	Cold rolled galvanized steel sheet confirm to ASTM or equivalent standard
<b>Gauge/Door Thickness</b>	45-80mm thick door with skin thickness 0.9 to 2mm
<b>Core Or Insulation</b>	Honeycomb / Rockwool
<b>Application</b>	Light to extra heavy duty use as per SDI
<b>Frame Gauge/Jamb Depth</b>	1.5 to 4mm/ up to 500mm
<b>Ironmongery</b>	Certified as per door test standard BS, EN and UL
<b>Fire Rating</b>	Up to 240 minutes as per EN/BS and 120 minutes as per UL
<b>Test Standard</b>	EN 1634-1/ BS 476 part20-22/ UL10C
<b>Certification</b>	Intertek, BM trada, Exova Warrington
<b>Finish</b>	Powder coated/ Wood finish/ Wet paint meets ANSI A 250.3 and ANSI A 250.10

## Additional Features

- Seamless welded design
- Vision panel
- Bottom Louver/ Grille
- Alternate Stainless-steel material
- Overhead Panel
- Knock down frame /Groove frame with kerf gasket
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- STC/Acoustic and Fire rating together up to 47db



*Fire Rated Steel Door with Vision Panel*

# Fire Rated Single Leaf Doorset With / Without Vision Panel



**THOMAS BELLHART INTERNATIONAL CONSULTANTS**  
P.O. BOX 26380, DUBAI, U.A.E.  
T: +971 (0) 333 2880, F: +971 (0) 333 2893  
www.tbic.ae/usa/usa.htm

**TEST REPORT FOR FIRE RESISTANCE TEST OF CONSTRUCTION ASSEMBLIES**


**TEST SPONSOR:**  
Al Deyar Metal Bldg. Const. Ind. LLC  
P.O. Box 26387, 4th Industrial Area Road, Plot Area 9 P.2, Sharjah, U.A.E.  
T: +971 6 538 7800 F: +971 6 538 7840  
www.aldeyarmetal.com

**Glass Manufacturer:**  
Weinlich Saudi-Gulf International AG  
Ch 2175, Flumet, Switzerland  
T: +41 26 338 82 21 F: +41 26 338 82 22  
www.weinlich.com

**TEST ASSEMBLY:**  
Latched Single Leaf Acting Steel Doorset with Vision Panel

**TEST STANDARD:**  
BSI 476:2017: Fire tests on building materials and structures - Part 20: Method for determination of the fire resistance of elements of construction (general principles)  
BSI 476:2017: Fire tests on building materials and structures - Part 20: Methods for determination of the fire resistance of non-loadbearing elements of construction

Test Date: 16 Jun 15  
Issue Date: 23 Apr 15  
Reference No: 00225/2015



**THOMAS BELLHART INTERNATIONAL CONSULTANTS**  
**EAS**  
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# Fire Rated Double Leaf Doorset With / Without Vision Panel

## Description

Steel doors are of flush or glazed panel with steel stiffeners and laminated core design suitable for any commercial residential buildings, industrial, hospitals, hotels, schools, available with wide range of glass lights and with louver preparation ETC.

Different types of cores with single and double leaf configuration.

*Our doors and frames can be customized to the customer needs in terms of design and build.*

## Specifications

<b>Construction</b>	Mechanically interlocked, hemmed vertical edge seam with inverted top and bottom channel welded to both face sheets
<b>Materials</b>	Cold rolled galvanized steel sheet confirm to ASTM or equivalent standard
<b>Gauge/Door Thickness</b>	45-80mm thick door with skin thickness 0.9 to 2mm
<b>Core Or Insulation</b>	Honeycomb / Rockwool
<b>Application</b>	Light to extra heavy duty use as per SDI
<b>Frame Gauge/Jamb Depth</b>	1.5 to 4mm/ up to 500mm
<b>Ironmongery</b>	Certified as per door test standard BS, EN and UL
<b>Fire Rating</b>	Up to 240 minutes as per EN/BS and 120 minutes as per UL
<b>Test Standard</b>	EN 1634-1/ BS 476 part20-22/ UL10C
<b>Certification</b>	Intertek, BM trada, Exova Warrington
<b>Finish</b>	Powder coated/ Wood finish/ Wet paint meets ANSI A 250.3 and ANSI A 250.10

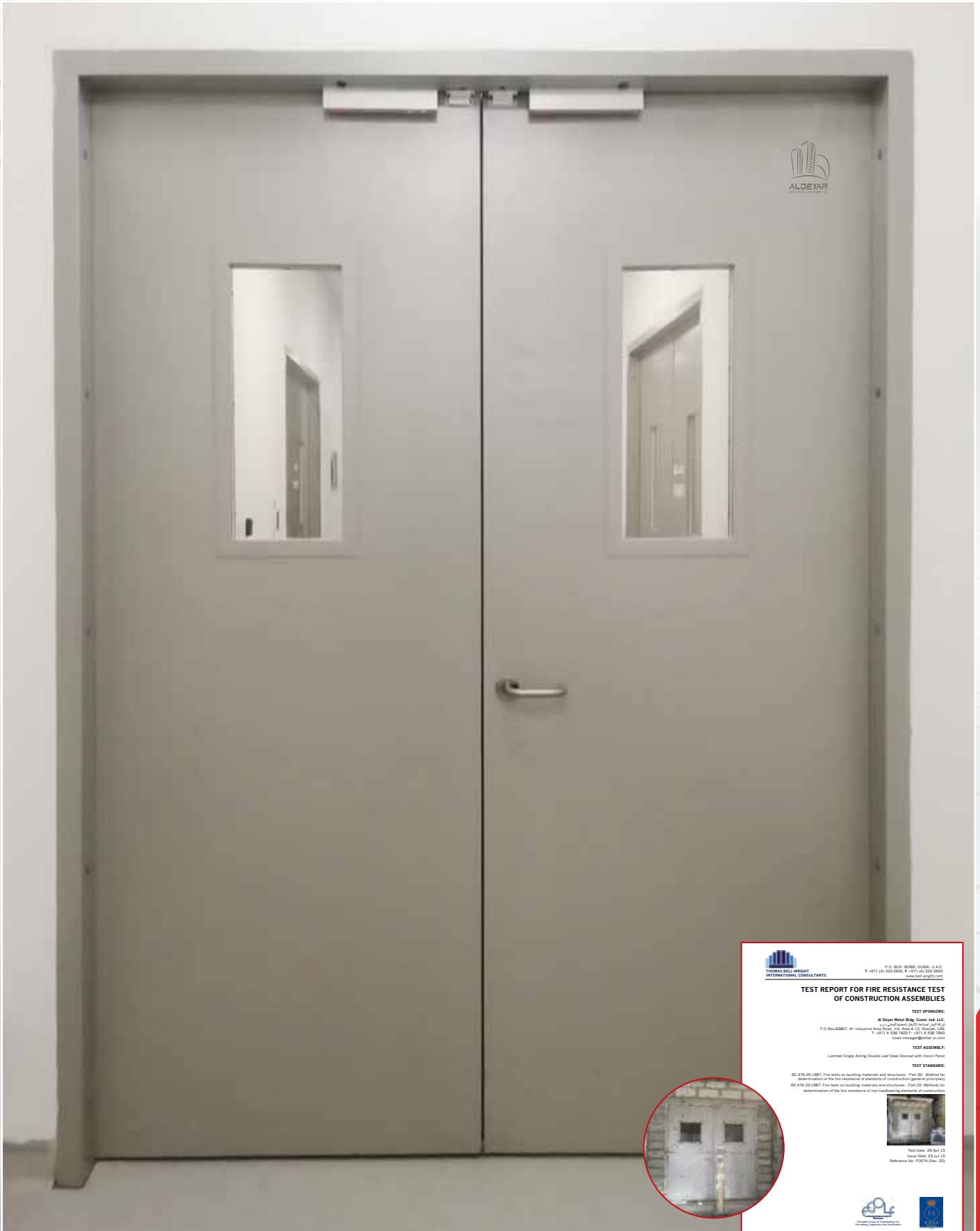
## Additional Features


- Seamless welded design
- Vision panel
- Bottom Louver/ Grille
- Alternate Stainless-steel material
- Additional top panel
- Knock down frame /Groove frame with kerf gasket
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- STC/Acoustic and Fire rating together up to 46 db



*Fire Rated Double Door with Push Bar*

# Fire Rated Double Leaf Doorset With / Without Vision Panel




 P.O. BOX 26385, DUBAI, U.A.E.  
T +971 (4) 333 2010 F +971 (4) 333 2053  
www.tbw.com


**TEST REPORT FOR FIRE RESISTANCE TEST  
OF CONSTRUCTION ASSEMBLIES**

**TEST SPONSORS:**  
Al Deyar Metal Bldg. Const. Ind. LLC  
P.O. Box 33867, 4th Industrial Area Road, Al. Area # 15, Sharjah, UAE  
T: +971 6 238 7020 F: +971 6 238 7040  
Email: manager@aldehyar.com


**TEST ASSEMBLY:**  
Latched Single Acting Double Leaf Steel Doorset with Vision Panel

**TEST STANDARD:**  
BS 476 22:1987. Fire tests on building materials and structures. Part 22. Method for determination of the fire resistance of elements of construction (general principles)  
BS 476 22:1987. Fire tests on building materials and structures. Part 22. Methods for determination of the fire resistance of non-loadbearing elements of construction





Test Date: 29 Apr 15  
Issue Date: 23 Jul 15  
Reference No: F0074 (Rev. 02)



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## Description

Fire Rated access doors for installation in fire resistance rated walls that is used to provide access to shafts chases and others concealed spaces.

## Specifications

<b>Construction</b>	Mechanically interlocked, hemmed vertical edge seam with inverted top and bottom channel welded to both face sheets and other special designs to suit with site requirements
<b>Materials</b>	Cold rolled galvanized steel sheet confirm to ASTM or equivalent standard
<b>Door Thickness/Gauge</b>	15 to 35 mm thick door with skin thickness 1.5, 1.2mm
<b>Core Or Insulation</b>	Honey Comb
<b>Application</b>	Vertical- Wall
<b>Frame Gauge</b>	1.5 ,1.2mm
<b>Ironmongery</b>	Tested and Certified as per BS 476 PART22-20 standard
<b>Fire Rating</b>	Up to 180 minutes
<b>Test Standard</b>	BS 476 part20-22
<b>Certification</b>	BM trada, Exova Warrington
<b>Finish</b>	Powder coated/ Wood finish/ Tiles/Gypsum

## Additional Features

- Seamless Flush design
- Door thickness can be up to 45mm
- Alternate Stainless-steel material
- Easily removable with special design pin hinges
- Different types of concealed locks and hinges
- Gypsum or tiles cladding to match with the wall finish



# Fire Rated Access Panel



*Access Panel with Flush Pull and Deadlock*



*Access Panel with Budget Lock*



*Access Panel with Gypsum Cladding*



*Access Panel with Flush Pull*

## Fully Louvered Doors (Substation Sand Trap Doors)

### *Description*

Steel doors can be provided with a variety of louvers designs and sizes. Louver permits free air passage controlling the volume by their size and design. They diffuse or control direction of air flow by different blade designs.

Louver doors are covered with different models' types blades & finishes. Specially designed to serve a certain need and requirement within the air movement and control.

It can be a part of doors as fully louvered or partially depends on the air flow required for doors or windows.

Manufactured with 1.2mm thick standard blade or the below specified different type of blades with special hardware like drop bolt, Tower bolt, pad bolt in addition to the standard hardware

- Standard C type
- Zee type
- V type
- Inverted Y type



*Adwea / AADC Approved Fully Louvered (Substation Sand Trap Doors and Windows)*



**SAND TRAP LOWER SUBSTATION**

# Fully Louvered Doors (Substation Sand Trap Doors)



**SAND TRAP LOWER SUBSTATION**

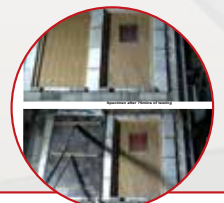
## Description

Wooden doors are made for both interior and exterior application. Our Fire rated wooden doors are manufactured by a special core material. They are aesthetically designed to offer an architectural appeal to meet the clients requirements.

## Specifications

<b>Construction</b>	Fire rated core with hard wood lipping on the edges to meet FD60 and FD 90 criteria / Alternate Mineral core with stile and Rails
<b>Materials</b>	Fire rated core, mineral core and hard wood with density higher than 650kg/m <sup>3</sup>
<b>Gauge/Door Thickness</b>	54mm for FD60 minutes and 64mm for FD 90 minutes 45mm thick as per UL
<b>Facing</b>	Veneer, PVC, Plastic based laminates
<b>Application</b>	Light to extra heavy duty use as per SDI
<b>Frame</b>	Hard Wood material with density more than 650 kg/m <sup>3</sup> Alternate steel Frame
<b>Ironmongery</b>	Certified as per door test standard BS, EN, UL
<b>Glazing</b>	FD 90 minutes with glazing
<b>Fire Rating</b>	FD60 and FD90 minutes with glazing
<b>Test Standard</b>	BS 476 part22-20 - UL10C
<b>Certification</b>	BM trada, Intertek

Fire Rated Single Door



TEST REPORT  
FIRE RATED WOODEN DOORS



AL OSOOL  
Head Office: 14112002  
Head Office: 14112002  
Head Office: 14112002  
Head Office: 14112002

# Fire Rated Wooden Doors



## Description

Bullet resistance doors and windows are designed to provide protection by preventing the passage of projectile at different threat levels and protect personnel against injury.

Doors and windows are suitably reinforced as required by UL and EN test criteria. Each Level have the different thickness of reinforcement and glass thickness.

## Specifications

<b>Construction</b>	Mechanically interlocked, hemmed vertical edge seam with inverted top and bottom channel welded to both face sheets /special designed windows
<b>Bullet protection sheets</b>	Thickness of protection plates are depending on threat levels as per UL and EN
<b>Materials</b>	Cover sheet is Cold rolled galvanized steel sheet confirm to ASTM or equivalent standard
<b>Gauge/Door thickness</b>	45-80mm thick door with Cover skin thickness 2mm+ Bullet proof protection sheet as per Threat level
<b>Core or insulation</b>	Honeycomb with Ballistic Sheet
<b>Frame gauge/Jamb depth</b>	2mm up to 500mm- No limits
<b>Test Standard</b>	UL752, EN 1522/1523 and Glass as per EN 1063
<b>Levels</b>	UL752 Level-3 and Level 8 doors and windows, FB4 and FB6 doors and windows
<b>Finish</b>	Powder coated/ Wood finish/ meets ANSI A 250.3 and ANSI A 250.10

Bullet resistance doors and windows. UL and EN

## Additional Features

- Seamless welded design
- Vision panel
- Alternate Stainless-steel material
- Knock down frame /Groove frame with kerf gasket
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- STC rated

## Typical application areas are

1. Embassies
2. VIP Offices
3. Guard House
4. Cashier Rooms
5. Bank court houses
6. Military buildings
7. Control rooms
8. Cashier area
9. Jewelry shops & ETC.



Bullet Proof Steel Door

# Bullet Proof Doors & Windows



**BULLET PROOF GLASS**

**BRG-NS**  
transparent high-security solution  
protecting against gunshots

- Available in 6mm, 8mm, 10mm, 12mm, 15mm, 18mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm, 115mm, 120mm, 125mm, 130mm, 135mm, 140mm, 145mm, 150mm, 155mm, 160mm, 165mm, 170mm, 175mm, 180mm, 185mm, 190mm, 195mm, 200mm, 205mm, 210mm, 215mm, 220mm, 225mm, 230mm, 235mm, 240mm, 245mm, 250mm, 255mm, 260mm, 265mm, 270mm, 275mm, 280mm, 285mm, 290mm, 295mm, 300mm, 305mm, 310mm, 315mm, 320mm, 325mm, 330mm, 335mm, 340mm, 345mm, 350mm, 355mm, 360mm, 365mm, 370mm, 375mm, 380mm, 385mm, 390mm, 395mm, 400mm, 405mm, 410mm, 415mm, 420mm, 425mm, 430mm, 435mm, 440mm, 445mm, 450mm, 455mm, 460mm, 465mm, 470mm, 475mm, 480mm, 485mm, 490mm, 495mm, 500mm, 505mm, 510mm, 515mm, 520mm, 525mm, 530mm, 535mm, 540mm, 545mm, 550mm, 555mm, 560mm, 565mm, 570mm, 575mm, 580mm, 585mm, 590mm, 595mm, 600mm, 605mm, 610mm, 615mm, 620mm, 625mm, 630mm, 635mm, 640mm, 645mm, 650mm, 655mm, 660mm, 665mm, 670mm, 675mm, 680mm, 685mm, 690mm, 695mm, 700mm, 705mm, 710mm, 715mm, 720mm, 725mm, 730mm, 735mm, 740mm, 745mm, 750mm, 755mm, 760mm, 765mm, 770mm, 775mm, 780mm, 785mm, 790mm, 795mm, 800mm, 805mm, 810mm, 815mm, 820mm, 825mm, 830mm, 835mm, 840mm, 845mm, 850mm, 855mm, 860mm, 865mm, 870mm, 875mm, 880mm, 885mm, 890mm, 895mm, 900mm, 905mm, 910mm, 915mm, 920mm, 925mm, 930mm, 935mm, 940mm, 945mm, 950mm, 955mm, 960mm, 965mm, 970mm, 975mm, 980mm, 985mm, 990mm, 995mm, 1000mm

**ON THE SAFE SIDE**

intertek

**AL DEYAR METAL  
BLDG. CONST. IND. LLC.  
BALLISTICS  
PERFORMANCE TEST  
REPORT**

SCOPE OF WORK  
ON THE ABOVE METAL WINDOW FRAME  
TEST METHOD: EN 1063

TEST RESULTS  
PASS

TEST DATE  
15/05/2024

TEST LOCATION  
INTERTEK

TEST REPORT NUMBER  
INTERTK-2024-05-15-001



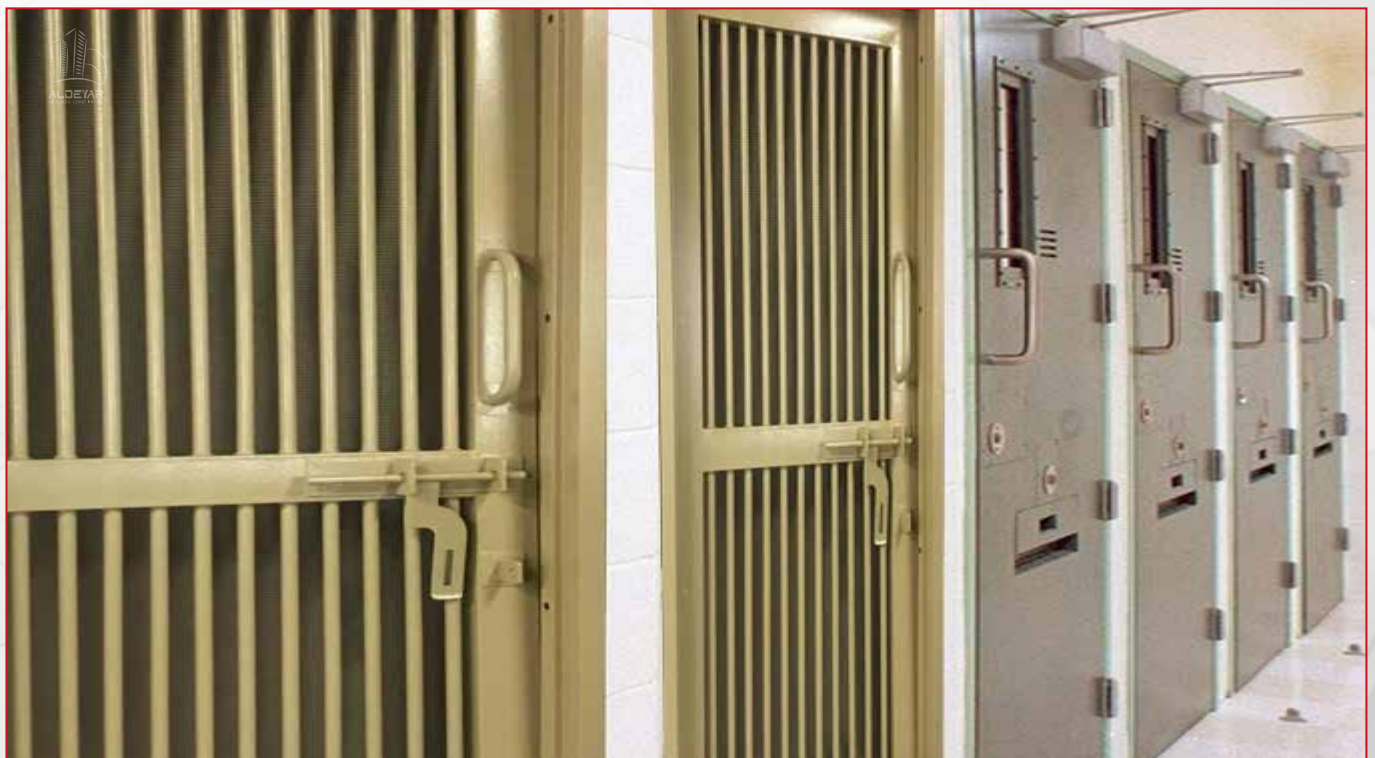
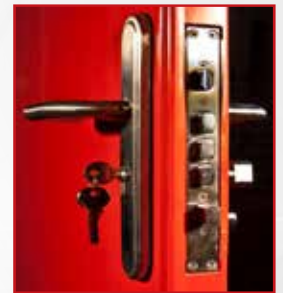
# Security And Detention Doors & Windows

## *Description*

Security steel doors and windows with security glazing frames are used in detention and correctional facilities. constructed with special design and hardware to prevent the security against inmate tampering attack by variety of tools.

## *Technical Details and Additional feature cover*

- Food pass
- Door sheet thickness minimum 2.3 mm
- Door thickness 55 mm / vary based on design
- Internally welded Vertically stiffened with high density rockwool
- Freely welded edges with special reinforcements
- Top and bottom channel with additional flush closing channel equal to the door minimum thickness
- Frame sheet thickness minimum 2.3 mm
- Fully welded cover joints



**Grill Type Jail Doors**

# Security And Detention Doors & Windows



**Armour Type Villa Doors**



**Security And Detention Doors**

# Garbage And Linen Chute Doors (Fire Rated)

## Description

Garbage and Linen chute door also known as “Centralized Garbage Collection System” provides an efficient and hygienic method of garbage disposal in types of residential and commercial buildings. It can be easily be installed in any duct, common lobby, landing, staircase, midlanding, utility duct, dry balcony and kitchen.

### Advantages of Garbage Chute

- Garbage can be disposed anytime and multiple times a day.  
Hence no need to accumulate dirty and unhygienic garbage
- Garbage from all the floors gets collected at single point
- Manpower cost is saved
- “Dry” and “Wet” garbage segregation also possible.
- Reduces power consumption

## Specifications

<b>Construction</b>	Custom design door and frame assembly with LED indicator. Spring loaded
<b>Materials</b>	Cold rolled galvanized steel sheet conform to ASTM or equivalent standard
<b>Gauge/Door Thickness</b>	40mm thick door with skin thickness 1.5-1.2mm
<b>Application</b>	Variety of Ducts, Common lobbies, landing, staircase, utility ducts, for Residential buildings, Hotels, Hospitals
<b>Frame Gauge</b>	1.2 and 1.5 mm
<b>Ironmongery</b>	Certified as per door test standard BS,
<b>Fire Rating</b>	Up to 180 minutes as per BS 476 part22-20
<b>Test Standard</b>	BS 476 part22-20
<b>Certification</b>	BM trade
<b>Finish</b>	Powder coated/ Stainless steel

Garbage and linen door

## Additional Features

- Seamless full flush design
- Easy installation and maintenance
- Smooth operation
- Factory assembled
- Intake is via stainless steel/Powder coated galvanized hand operated side hinge door with 180 degree opening for easy operation
- Alternate Stainless-steel material

**Fire Rated 3 Hours  
Garbage Chute Door**



# Garbage And Linen Chute Doors (Fire Rated)



**Garbage Chute  
with Foot Pedal**

**Fire Rated Garbage Chute**

## *Description*

Overhead sectional doors are the ideal solution for all Industrial and logistic needs. The design and different solutions ensure the door to be aesthetically pleasing and perfectly suited in any architectural environment from modern to traditional buildings.

These doors are built to ensure the highest ease and flexibility of use which, in turn, ensure a quick hassle-free operation. Their compact size ensures more available space both inside and outside the premises.

Depending on the structural of the building and the requirement a choice can be made from a

- Standard Lift
- Vertical lift
- Horizontal lift
- Low head room or inclined lift

## *Features*

- Reliable and low noise operation
- Extreme robustness
- Safe operation in compliance with safety requirements
- Design oriented surfaces and optimum light solution
- Installation friendly

## *Technical Details*

- Panels are sturdy and consists of double skinned pre-painted galvanized sheet with thickness 40mm
- Core insulated with high density polyurethane with CFC free offers high protection from out side temperature
- Available with Maximum width of 15 meters and height of 10 mts



# Rolling Shutters

## Description

Rolling shutters are ideal application for conventional store front and security reasons.

Our Rolling shutter are durable and designed for Industrial, Commercial, Residential and Security application for both internal and external requirements.

Fire rated Rolling Shutters are rated physical fire barrier that protect wall opening from spread of fire and are designed to close automatically in the event of fire or an alarmed event. Automatic closure will be thermally controlled by means of Fusible link.

- Fabricated of interlocked galvanized sheets.
- Required low head room space above the structural opening and solidly constructed to promote trouble free operation and long life.
- Electrically operated shutters are fitted with a geared motor complete with a Push button with UP, Down, and Stop buttons.
- Rolling shutter can also be designed as per client specifications
- Fire rated up to 240 minutes as per BS 476 part20-22 standard.
- Finish as per Client requirement from the RAL color chart.

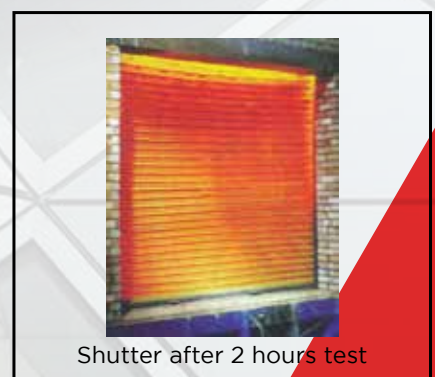
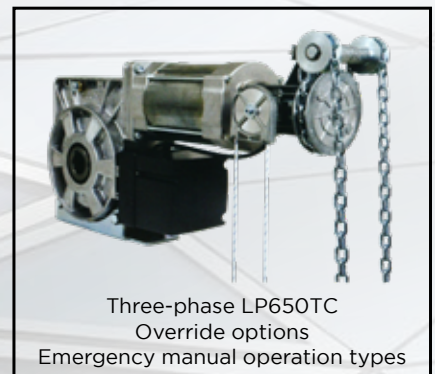
## Features

- Manually operated
- Electrically operated
- Three station push button control switch
- Many additional features based on client's request

**Construction** *Fabricated from single* skin galvanized or galvalume sheet curved shape with side guides and supports with MS angles and Hood cover.

## Applications

- Factories
- Schools
- Hospitals
- Commercial
- Residential areas





## Description

We are pleased to introduce ourselves as Al Osool Bldg. Metallic Const. Ind. LLC located in Industrial Area 13, Sharjah.

We are manufacturing a wide range of Fire Cabinets. We are making all types of Fire Cabinet like Fire Hose Reel Cabinets, Fire Extinguisher Cabinets, Fire Hose Cabinets, Breeching Inlet Cabinets. We Supplied to UAE, Oman, Bahrain, Saudi Arabia, Egypt, Sudan Jordan etc. We can produce any type of fire cabinets as per the client's requirement.



# Manufacturer Of Fire Cabinets

## Full Mild Steel Cabinets

<b>Dimension</b>	Any size as per. requirement
<b>Material</b>	Mild steel / G.I
<b>Thickness</b>	1.5/1.2/1 mm / 2.0 mm - up to 3 mm
<b>Installation</b>	Surface / Wall Mounted, Or recessed type
<b>Capacity</b>	Manual or Automatic swing, fixed hose reel 4/3" or 1"
<b>Finish</b>	Red powder coated, Any Colors

## Full Stainless Steel Cabinets

<b>Dimension</b>	Any size as per. requirement
<b>Material</b>	Stainless steel / / Mild steel / G.I / 304 G / 316 G
<b>Thickness</b>	1.5/1.2/1 mm / up to 3 mm
<b>Installation</b>	Surface / Wall Mounted, Or recessed type
<b>Capacity</b>	Manual or Automatic swing, fixed hose reel 4/3" or 1"
<b>Finish</b>	S.S., Mirror Finish, Brush Finish, Hair line

## Recessed Type Cabinets with Stainless Steel Facia

<b>Dimension</b>	Any size as per. requirement
<b>Material</b>	Stainless steel / / Mild steel / G.I
<b>Thickness</b>	1.5/1.2/1 mm / up to 3 mm
<b>Installation</b>	Surface / Wall Mounted, Or recessed type
<b>Capacity</b>	Manual or Automatic swing, fixed hose reel 4/3" or 1"
<b>Finish</b>	S.S., Mirror Finish, Brush Finish, Hair line with RP BB Back Box



# Steel And Stainless Steel Hand Rails

Attractive, affordable, low maintenance and easy to install Hand rails for residential and commercial applications.

The design is extremely durable and meet with all customer requirements.

They are available in custom design and shapes in Stainless steel and Mild steel with the below shapes.

- Straight
- Straight with Flare
- Spiral
- Curved



**Steel powder Coating**

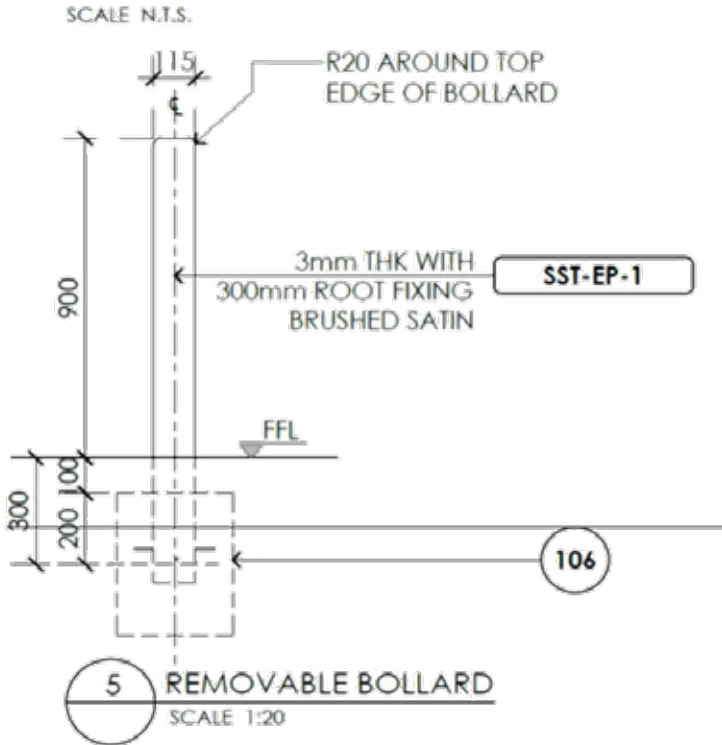


**Stainless Steel**

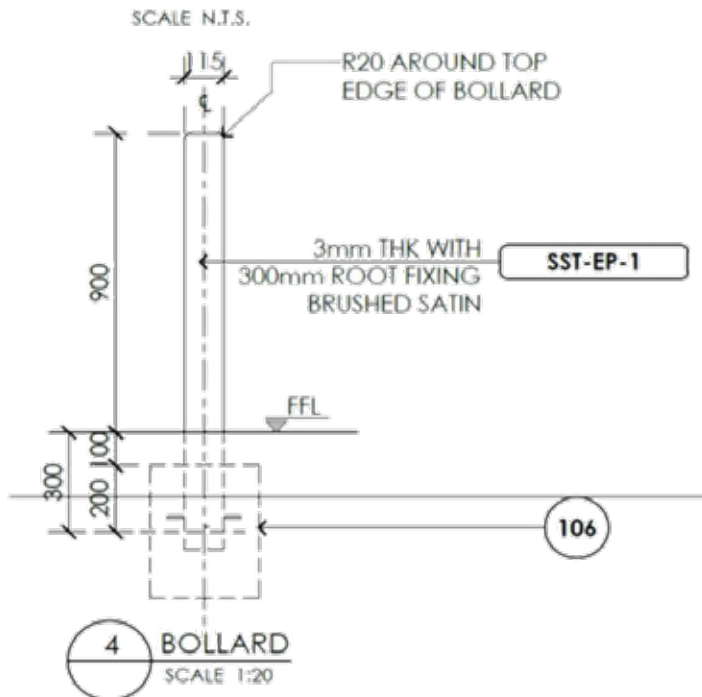


**Ladder**

# Steel and Stainless steel Bollard Bar



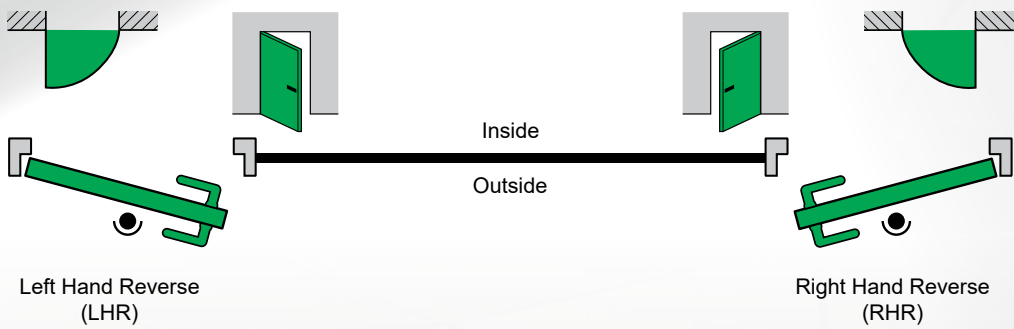
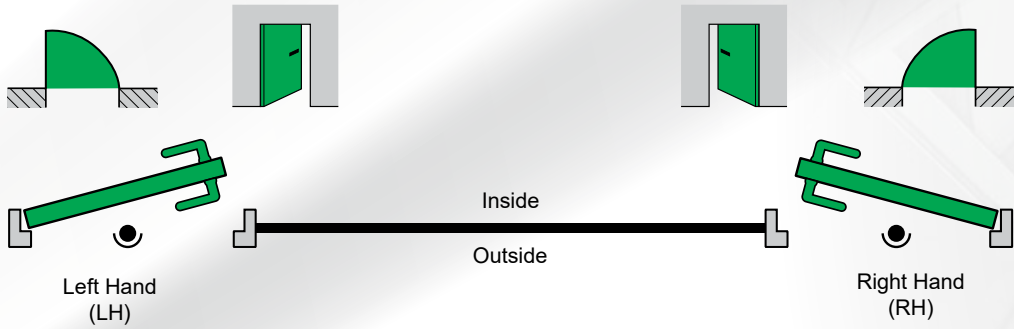
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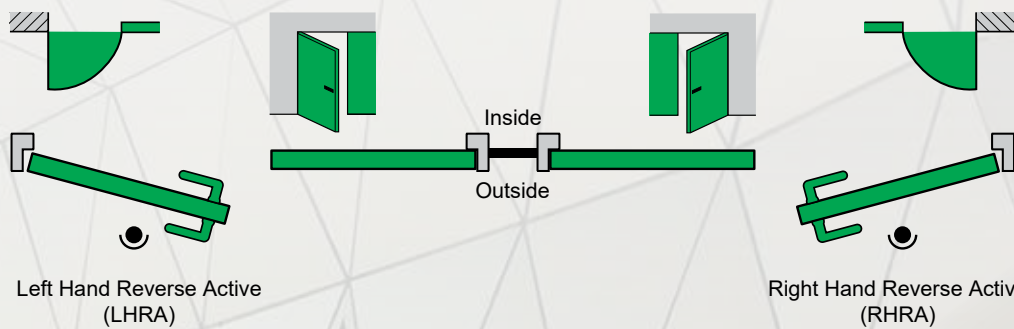
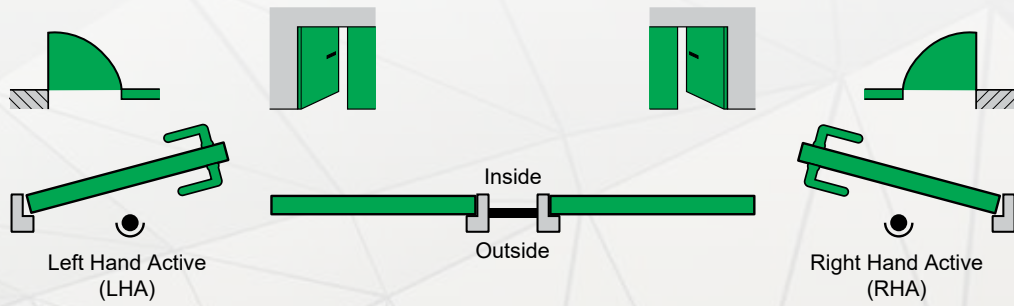
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Universal handing of Doors according to UAE reading conventions

## Single Leaf Door



## Double Leaf Door



# Powder Coating, Wooden Finish & Enamel Paint Application

								
RAL 1000	RAL 2000	RAL 3000	RAL 4001	RAL 5000	RAL 6000	RAL 7000	RAL 8000	RAL 9001
								
RAL 1001	RAL 2001	RAL 3003	RAL 4002	RAL 5001	RAL 6001	RAL 7001	RAL 8001	RAL 9002
								
RAL 1002	RAL 2002	RAL 3004	RAL 4003	RAL 5002	RAL 6002	RAL 7002	RAL 8002	RAL 9003
								
RAL 1003	RAL 2003	RAL 3005	RAL 4004	RAL 5003	RAL 6003	RAL 7003	RAL 8003	RAL 9004
								
RAL 1004	RAL 2004	RAL 3017	RAL 4005	RAL 5004	RAL 6004	RAL 7004	RAL 8004	RAL 9005
								
RAL 1005	RAL 2012	RAL 3020	RAL 4006	RAL 5005	RAL 6018	RAL 7005	RAL 8007	RAL 9010
								
RAL 7005	RAL 7006	RAL 7008	RAL 7009	RAL 7032	RAL 7033	RAL 7034	RAL 7035	RAL 7036
								
RAL 7037	RAL 7038	RAL 7039	RAL 7034	RAL 7042	RAL 7040	RAL 7044	RAL 7045	RAL 7046



*FR Wooden finish steel door*



*FR Wooden finish Glass door*

# Architectural Hardware Fire Rated Hardware- Listed And Certified



**TOUCH BAR PANIC LATCH**



**TOUCH BAR PANIC BOLT**



**VERTICLE PUSH BAR**



**PUSHPAD LATCH**



**DOOR CLOSER**



**CONCEALED DOOR CLOSERS**



**ALLEN KEY LOCK**



**CYLINDER & TURN**



**DOUBLE CYLINDER**

# Architectural Hardware

## Fire Rated Hardware- Listed And Certified



**PUSH PLATE SIGN**



**EXTERNAL LEVER TRIM**



**SAFETY LEVER**



**DOOR CO-ORDINATOR**



**SASH LOCK**



**FLUSH BOLTS**



**DUST SOCKET**



**DOOR STOPPER**



**BALL BEARING HINGES**



**Fully Glazed Butt Joint System - Integrity and Insulation**



**Fully Glazed Steel Partition - Unlimited Width**



**Fire Rated Aluminium Glazed Doors and Partitions**



**Steel Fire Rated Glazed Curtain Jansen Walls Systems Steel - (EW)**

# RANGE OF FR GLAZED DOOR



**Fully Glazed Swing Latched Single And Double Leafs Steel Door Sets - Integrity and Insulation**



**Fully Glazed Swing Latched Single and Double Leafs Steel Door Sets (E & EW)**



**Fully Glazed Doorset With Side Light And Transom Panels (E & EW)**



**Glazed Steel Windows Fixed And Operable (E, EW, EI)**



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