


FIRE RATED DOOR



 www.hadidglobalbd@gmail.com

 +880 13250-74100



AN INTRODUCTION TO HADID

Assalamu Alaikum,

Welcome to **HADID GLOBAL**, your trusted partner in engineering products and equipment supply. We specialize in providing high-quality Fire Doors, Hose Cabinets, and Hose Cabinet Boxes. Our engineering solutions are tailored to meet our customer's specific needs, ensuring the right quality and compliance with industry standards.

Our Manufacturing Expertise

At **HADID GLOBAL**, we leverage strategic manufacturing agreements with top-tier production facilities to deliver Fire Doors, Hose Cabinets, and Hose Cabinet Boxes. Our products are designed to meet the rigorous demands of safety, durability, and functionality.

Our commitment to innovation and quality drives us to deliver superior products that protect lives and property. Our team of skilled engineers and dedicated employees work tirelessly to provide comprehensive safety solutions, ensuring peace of mind for our clients.

Comprehensive Safety Solutions

Understanding the importance of providing multiple safety solutions under one roof, we offer a range of products and services, including:

Fire Doors: Engineered for superior fire resistance and safety, available in various materials and designs.

Hose Cabinets: Designed for easy access and secure storage of fire hoses, with models for different mounting options.

Hose Cabinet Boxes: Weather-resistant and highly visible storage solutions for fire safety equipment.

Contact Us, We highly appreciate your business inquiries and value your suggestions for continual improvement. We invite you to visit our showroom at Nawabpur and our corporate office at Uttara. For more information, visit our websites: www.hadidglobal.com.bd

Thank you for your kind support.



MANUFACTURING

HADID manufacturing department has the latest technology, State-of-the-art machines (Hydraulic shearing and Bending machines, all types of welding machines - MIG, TIG, ARC etc.), and a complete machine shop that enable us to meet the Needs of any production requirement.

HADID has the ability to introduce the latest technological systems & equipment in the fire safety field. Our engineers and technicians Are well qualified & experienced in producing quality products.

Considering the above facilities and excellence in engineering Capabilities, **HADID** can meet any challenges to produce Bulk quantities of fire safety materials.

We highly appreciate your business inquiries and value your suggestions for continual improvement. We invite you to visit our showroom at Nawabpur and our corporate office at Uttara.



HADID production line for fire doors are equipped with the most advanced machinery.

>>> Fire Rated Door

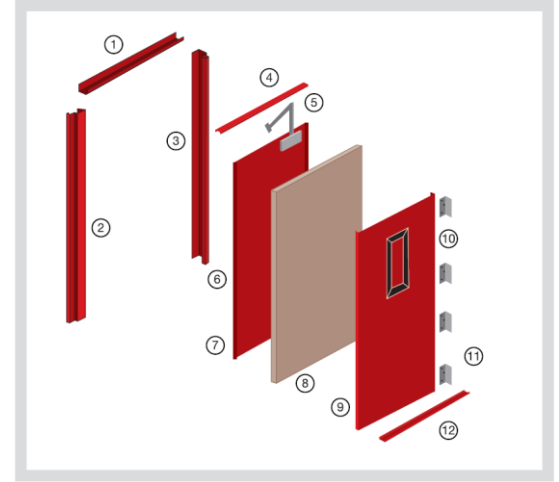
HADID offers a wide range of swing type metal doors both single & double leaf with varying fire ratings, sizes and colors. Its Fire Rated Doors are designed and manufactured in accordance with internationally recognized standards such as NFPA 80, ANSI/UL 10B and ANSI/UL 10C.

| | |
|--------------------------|--|
| Fire ratings: | Up to 120 minutes |
| Infill: | Rock wool with density 100 kg/m ³ |
| Finishing Option: | Powder paint/ Enamel paint |
| Color: | Red, Blue, Green, Light Grey and White |
| Vision Panel: | Maximum exposed area 100 sq. inch |



SINGLE LEAF FIRE DOOR

| S.N | Item Code | Size |
|-----|-----------|--------------------|
| 1 | FD101 | L 750 X H 2100 mm |
| 2 | FD102 | L 750 X H 2400 mm |
| 3 | FD103 | L 800 X H 2100 mm |
| 4 | FD104 | L 800 X H 2400 mm |
| 5 | FD105 | L 900 X H 2100 mm |
| 6 | FD106 | L 900 X H 2400 mm |
| 7 | FD107 | L 1000 X H 2100 mm |
| 8 | FD108 | L 1000 X H 2400 mm |
| 9 | FD109 | L 1100 X H 2100 mm |
| 10 | FD110 | L 1100 X H 2400 mm |
| 11 | FD111 | L 1200 X H 2100 mm |
| 12 | FD112 | L 1200 X H 2400 mm |



Exploded View

| | |
|---------------------|--------------------|
| ① Frame Header | ⑦ Door Leaf Bottom |
| ② Frame Strike Jamb | ⑧ Rock Wool |
| ③ Frame Hinge Jamb | ⑨ Door Leaf Top |
| ④ U-Channel Top | ⑩ U-Channel Bottom |
| ⑤ Door closer | ⑪ Hinge |
| ⑥ Mortise Lock | ⑫ Vision Panel |

DOUBLE LEAF FIRE DOOR

| S.N | Item Code | Size |
|-----|-----------|--------------------|
| 13 | FD113 | L 1500 X H 2100 mm |
| 14 | FD114 | L 1500 X H 2400 mm |
| 15 | FD115 | L 1600 X H 2100 mm |
| 16 | FD116 | L 1600 X H 2400 mm |
| 17 | FD117 | L 1800 X H 2100 mm |
| 18 | FD118 | L 1800 X H 2400 mm |
| 19 | FD119 | L 1900 X H 2100 mm |
| 20 | FD120 | L 1900 X H 2400 mm |
| 21 | FD121 | L 2000 X H 2100 mm |
| 22 | FD122 | L 2000 X H 2400 mm |
| 23 | FD123 | L 2200 X H 2100 mm |
| 24 | FD124 | L 2200 X H 2400 mm |



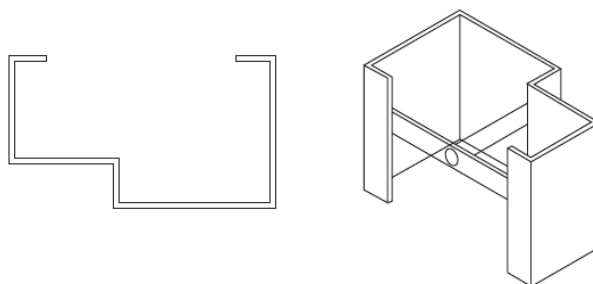
>>> Door Accessories

| DESCRIPTION | QTY IN SINGLE DOOR | QTY IN DOUBLE DOOR |
|--|--|---|
| Single Panic bar (ring type/Double zipper) | 1 | 1/2 |
| Handle Lock | 1 | 1 |
| Door Closer | 1 | 2 pcs or 1 pcs |
| Hinges | 4 | 8 |
| Magnetic Door Holder | 1 | 2 |
| Ceramic Tape | 8 feet (500 X 150) mm / (325 X 450) mm | 16 feet (500 x 150) mm / (325 x 450) mm |
| Smoke Seal | 17 feet | 22 feet |
| Vertical Panic Bar | Typically Non Applicable | 1 |
| Vision Panel | 1 | 2 pcs or 1 pcs |

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| Single Panic bar | Handle Lock | Door Closer | Hinges | Magnetic Door Holder |
|  |  |  |  |  |
| Ceramic Tape | Smoke Seal | Vertical Panic Bar | Vision Panel | Door Coordinator |

DOOR FRAME

Single rabbet hollow steel channel frame made of 2.3mm imported (from Taiwan) cold rolled MS Sheet. Four SS hinges (size: 4.5"x 4"x3.4mm) On each leaf screwed with frame.



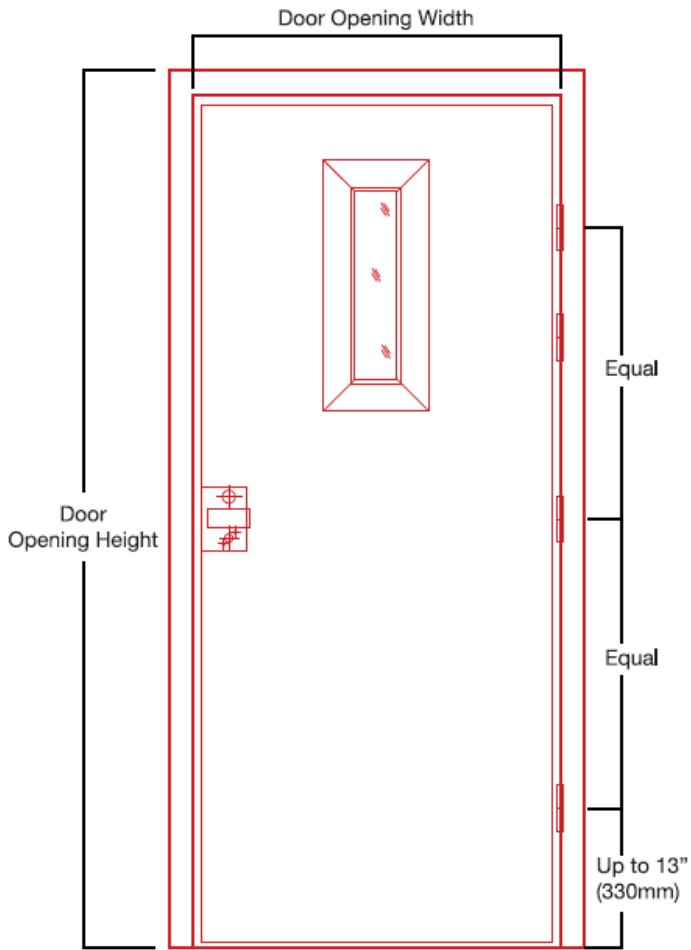
Door Leaf: 50mm thick hollow door leaf with imported (from China) rock wool cake inside. Rockwool density is 100kg/m³ & thickness 50mm. Door Leaf is made of 1.2 to 1.6mm imported cold rolled MS Sheet with interlocking mechanism. Stiffeners are used inside to strengthen structure.

Vision Panel: Germany made UL certified 5mm glass fire rated up to 180 minutes has clear vision area of 450mm x 100mm. Its frame is made of 1.2 to 1.6mm imported cold rolled MS Sheet and SS Pop rivet used for fixing. UK made ceramic fiber tape is used for sealing smoke. As per customer demand, we customized product quality.

Lever Handle (with lock) for exit device outside trim: Outside entry is protected by this device and inside exit is easily done by pushing panic bar.

Surface Treatment: All MS Sheets are chemically treated before assembly in our highly equipped chemical treatment plant.

Paint Finish: Powder coated paint finish and curing in temperature controlled gas oven. Available various colors finish.



Easy Installation:

Easy installation with imported anchor bolts. Low installation charges.

Customer Service:

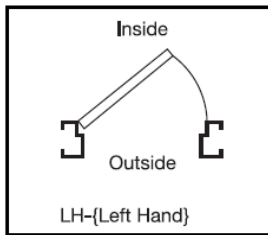
Equipped & skilled technical team ready for quick customer services. Also available for site visit as per customer requirements.

Warranty:

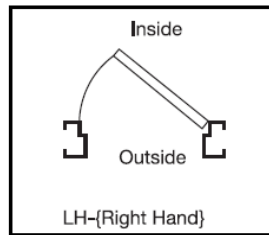
HADID offers one year warranty period from the date of delivery at customer point against any manufacturing faults of its door. If door is affected by fire hazard, then warranty period becomes invalid.

DOOR HANDING CHART

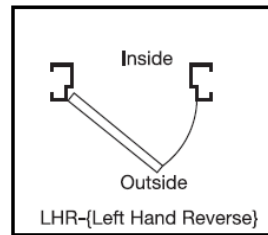
SINGLE DOOR



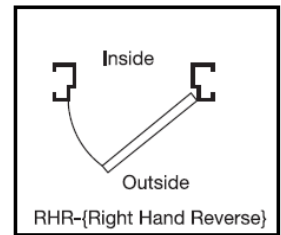
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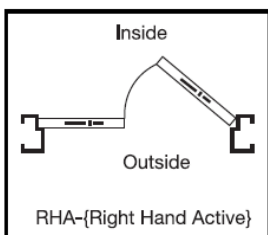
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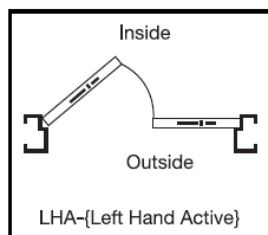
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DOOR HANDING CHART

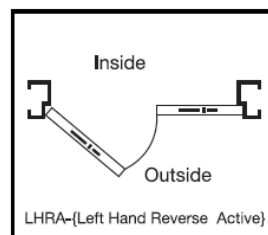
DOUBLE DOOR



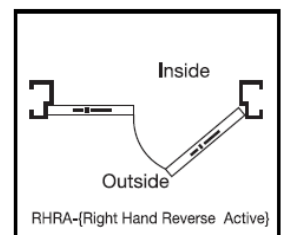
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Head Office

House # 02 (1st Floor), Road # 12/A
Sector # 10, Uttara, Dhaka – 1100

Showroom

Shop no 41, Majed Sarder Tower, # 01
Hazi Osman Gani Road, Alu Bazar
Nawabpur, Dhaka – 1100

Phone: +880 1325-074100

Email: hadidglobalbd@gmail.com

Please visit our website
www.hadidglobal.com.bd

