AN ISO CERTIFIED MANUFACTURING COMPANY

One Stop Solutions for Door

Indiga Group
We care about future

e-mail: indiga@eim.ae | www.indigagroup.com
We take pleasure in introducing ourselves as an ISO certified, leading multi-product manufacturing company in the United Arab Emirates and India equipped with state of the art technology. “Indiga” as a group has carved out a niche role in industry with advanced R&D facilities and modern production lines.

Indiga Group offers total design, manufacture, supply and installation facilities in all its activities, and in particular the Indiga brand of Metal Fire Rated Doors and Wooden Fire Rated and Non-Fire Rated Doors for interior and exterior applications.

We constantly strive to improve the quality of our products and services, as a professional manufacturer. We achieve this by advancing our design and manufacturing process. Metal Doors and Frames are fabricated and powder coated in our fully automated polyester powder coating lines and Wooden Doors and Frames are manufactured using the specified wood and polyurethane spray polished to achieve the required finish. We utilize our highly skilled technicians for installation of these doors at site.

As a result, over a period of time, we have executed many prestigious projects while conforming to highest quality standards. This, therefore, enables, our company to be one of the most sophisticated door manufacturers in the industry, capable of management and delivery of projects on a timely basis.
Door Products

Fire Rated Steel Doors - “Mincore”

Face Sheets Grades

<table>
<thead>
<tr>
<th>Level</th>
<th>Duty</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Standard</td>
<td>20 ga</td>
</tr>
<tr>
<td>2</td>
<td>Medium</td>
<td>18 ga</td>
</tr>
<tr>
<td>3</td>
<td>Heavy</td>
<td>16 ga</td>
</tr>
<tr>
<td>4</td>
<td>Extra Heavy</td>
<td>14 ga</td>
</tr>
</tbody>
</table>

Core:
Steel stiffened with 18 gauge steel stiffeners, mineral wool infill for voids, between stiffeners. Cold rolled & galvanized steel treated & coated with zinc rich primer.

Universal Appeal (Handed or Non Handed) Reinforced for American /European Hardware

Calculated thermal conductivity factors and STC rating for polystyrene core doors are as follows.

Finishes:
Any standard RAL shade / wooden finish - oven baked.

Fire Rated Steel Doors - “Cellcore”

Face Sheets Grades

<table>
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<tr>
<td>4</td>
<td>Extra Heavy</td>
<td>14 ga</td>
</tr>
</tbody>
</table>

Core: Honeycomb infill provides structural strength and exceptional flatness. It is bonded to the skins of the leaf, using a water based adhesive. Cold-rolled steel and galvanized steel treated & coated with adhesive for permanent bond and rust prevention.

Finishes:
Any standard RAL shade. Wooden finish oven baked or stainless steel brush/mirror finish.

Calculated thermal conductivity factors and STC rating for polystyrene core doors are as follows.

<table>
<thead>
<tr>
<th>U factor</th>
<th>R factor</th>
<th>STC</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.42</td>
<td>2.38</td>
<td>31</td>
</tr>
</tbody>
</table>

Underwriters Laboratories

International Fire Door Manufacture

®

Underwriters Laboratories

International Door Association

<table>
<thead>
<tr>
<th>U factor</th>
<th>R factor</th>
<th>STC</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.718</td>
<td>1.393</td>
<td>42</td>
</tr>
</tbody>
</table>
Indiga Urethane Steel Core Door

Polyurethane is used where extreme protection from rigid cold is a priority. It offers the lowest “U” value and the highest “R” factor of all the cores.

Indiga urethane door with a Polyurethane core. The core is permanently bonded to door skins strengthening the structural integrity of the door, enhancing long term performance and durability.

Door edges are mechanically interlocked the full height of the door. Top and bottom inverted channels provide stability and protection. Bevelled hinge and lock edges allow for tighter installation tolerances, to ensure easier operation and eliminate binding and sticking.

Polyurethane solid core is designed to provide efficient assembly for Artic weather conditions. These are recommended for exterior applications. They have integral high resistant to impact damage. Calculated thermal conductivity factors and STC rating for polyurethane core doors are as follows.

<table>
<thead>
<tr>
<th>U factor</th>
<th>R factor</th>
<th>STC</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.09</td>
<td>11.10</td>
<td>26</td>
</tr>
</tbody>
</table>

Indiga Polystyrene Steel Core Door

Indiga Polystyrene infill door are conforming to the British Standard specification BS 3837:1977 for expanded Polystyrene boards, DIN and ANSI Standards (American Society for testing and materials).

Indiga Polystyrene doors consist of 100% closed cell Polystyrene expandable beads. But meets the additional requirements for the extent of burn when tested with the method given BS 4735. This requirement is met by incorporation of flame retardent additives and other appropriate modification.

Indiga Polystyrene core is permanently bonded to door skins strengthening the structural integrity of the door, enhancing long term performance and durability, while significantly reducing the weight. Polystyrene slab core is used mainly for exterior applications or where a greater temperature differential from one side of the door to the other is needed.

Door edges are mechanically interlocked the full height of the door. Top & bottom inverted channels provide stability and protection. Bevelled hinge and lock edges allow for tighter installation tolerances, to ensure easier operation and eliminate binding and sticking. Polystyrene core doors are recommended to be used in extreme hot/cold conditions. Calculated thermal conductivity factors and STC rating for polystyrene core doors are as follows.

<table>
<thead>
<tr>
<th>U factor</th>
<th>R factor</th>
<th>STC</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.23</td>
<td>4.20</td>
<td>25</td>
</tr>
</tbody>
</table>
DOOR TYPES

Double Leaf Door
Double Leaf Door with Vision Pannel & Panic Device
Single Leaf Door & Panic Device
Double Leaf Door with Vision Pannel
Single Leaf Door

FIRE RATED & NON FIRE RATED STEEL DOORS

Upto 2 Hour Fire Rated Door - UL Tested to 10B
Upto 3 Hour Fire Rated Door - UL Tested to 10C Positive pressure
FIRE RATED & NON FIRE RATED STEEL DOORS

Upto 2 Hour Fire Rated Door - UL Tested to 10B
Upto 3 Hour Fire Rated Door - UL Tested to 10C Positive pressure

STEEL DOORS

Pre Test photo before UL 10C

Post Test photo after UL 10C Positive Pressure (3 Hours)

SECURITY DOORS

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FIRE RATED & NON FIRE RATED STEEL DOORS

Upto 2 Hour Fire Rated Door - UL Tested to 10B
Upto 3 Hour Fire Rated Door - UL Tested to 10C Positive pressure

LOUVER DOORS

STRONG ROOM & SAFE

FILE CABINET

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DOOR DESIGNS

Flush Single Door  Vision Panel Single Door  Narrow Lite Door  Bottom Louver Door
Flush Double Door  Vision Double Door  Narrow Lite Double Door  Full Louver Door

DOOR HANDING

Left Hand  Right Hand  Left Hand Reverse  Right Hand Reverse
Left Hand Active  Right Hand Active  Left Hand Reverse Active  Right Hand Reverse Active
FORSTER GLAZED DOORS & WINDOWS

Door Systems
• In steel and stainless steel

Curtain Wall Systems
• In steel and stainless steel

AUTOMATIC SLIDING DOOR

Upto 2 Hour Fire Rated Door - UL Tested to 10B
Upto 3 Hour Fire Rated Door - UL Tested to 10C Positive pressure
**MANUFACTURING DATA**

Fire Rated & Non Fire Rated Metal Doors

### A. Frames

<table>
<thead>
<tr>
<th>Manufacturing Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sheet Thickness</strong></td>
</tr>
<tr>
<td><strong>Metal</strong></td>
</tr>
<tr>
<td><strong>Frame Type</strong></td>
</tr>
<tr>
<td><strong>Installation System</strong></td>
</tr>
<tr>
<td><strong>Hinge Reinforcement</strong></td>
</tr>
<tr>
<td><strong>Strike Reinforcement</strong></td>
</tr>
<tr>
<td><strong>Closer Reinforcement</strong></td>
</tr>
</tbody>
</table>

### B. Doors

<table>
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<tr>
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<tbody>
<tr>
<td><strong>Sheet Thickness</strong></td>
</tr>
<tr>
<td><strong>Metal</strong></td>
</tr>
<tr>
<td><strong>Door Leaf Thickness</strong></td>
</tr>
<tr>
<td><strong>Core</strong></td>
</tr>
<tr>
<td><strong>Hinge Reinforcement</strong></td>
</tr>
<tr>
<td><strong>Lock Reinforcement</strong></td>
</tr>
<tr>
<td><strong>Flush Bolt Reinforcement</strong></td>
</tr>
<tr>
<td><strong>Closer Reinforcement</strong></td>
</tr>
</tbody>
</table>

### C. Steel Sheets: All doors are fabricated from galvanized sheets / SS sheets

### D. Finish with Powder coating / Paint RAL as per client choice.
Indiga Manufacturers of Fire Resistant Metal Doors, one among the few approved by Civil Defense. Fire Rating is not the property of construction, but the performance of a complete element of structure which is composed of a number of materials. Indiga doors are designed to get optimal performance from a number of materials combined to perform for high degree of fire protection. The designs of Indiga doors are evolved from actual testing to NFPA 80 standards which deals with methods of determination of resistance to fire of non load bearing element of construction. Indiga doors satisfy these criteria for required period. This door also satisfies the criteria of insulation where the mean and minimum temperature is required to be below specific figures. Designs and construction of Indiga doors assemblies are in accordance with the standards, standard ‘Fire Tests of Door Assemblies”, as per ANSI/UL 10 B and ANS/UL 10 C Positive Pressure Fire Test Doors (Ninth Edition, 2001) and Canadian national standard CAN4-S2104-M80.
KITCHEN CABINETS

Kitchen Cabinets

Indiga Group

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FIRE RATING

INDIGA... Manufacturers of Fire resistant wooden doors, one among the few approved by Civil Defense. Fire Rating is not the property of construction, but the performance of a complete element of structure which is composed of a number of materials. Indiga doors are designed to get optimal performance from a number of materials combines to perform for high degree of fire protection. The designs of Indiga doors are evolved from actual testing to British Standards BS 476: Part 22: 1987.
FIRE RATED & NON FIRE RATED WOODEN DOORS

Indiga GROUP

U K A S PRODUCT CERTIFICATION

International Fire Door Manufacture®

Underwriters Laboratories

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FIRE RATED & NON FIRE RATED WOODEN DOORS

- Fire Rated Core
- Halspan / Kingsa
- Hardwood Architrave
- Wood Vener Skin
- Hardwood Lipping
- Intumusent Strip
- Hardwood Frame

Indiga GROUP

U K A S PRODUCT CERTIFICATION

International Fire Door Manufacture®

Underwriters Laboratories

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Prefabricated Buildings and Portcabins (Fire Rated and Non Fire Rated):

Prefabricated buildings are manufactured using steel, wood and other materials. These buildings are manufactured for various requirements such as Labour camps, Site offices, Prayer halls, Ablution units, clinics, Recreation halls, Kitchen and Dining halls. We undertake turn-key contracts for camp building at projects sites.
Steel Container Cabins, Mobile Cabins (Fire Rated & Non Fire Rated) and Container Conversion:

Steel container type cabins are made for oil field and Battlefield accommodations, offices, clinics, Radio rooms, recreation halls, ablution units, kitchen and dining halls etc. These cabins are rigid in construction and are suitable for frequent movements from one location to the other in the oil field and battlefield. Container cabins with Winching bars are manufactured by us for specific needs in the oil field to winching away from location to locations. Container cabins on wheels are also in our production range.

We also undertake shipping container conversion work to suit the specific needs of the customers. Fire Rated Steel Cabins are our speciality product for meeting the specific needs of our customers.
Kitchen Cabinets

We manufacture wooden Kitchen Cabinets (Base units and over-head wall units) to suit the varied requirements of the Client and Consultants.
Kitchen Cabinets

We provide Indiga brand Solid Surface material (artificial marble) for the worktop. Indiga Solid Surface is available in a variety of shades and patterns to choose.

We use the best quality self-closing hinges for the cabinet shutters and the drawer sliding rail mechanism on the kitchen cabinets manufactured by us.

Indigatech is capable of manufacturing wooden kitchen cabinets meeting any type of designs and specifications.
We manufacture wooden Wardrobes to suit the requirements of the Clients and Consultants. The materials used for carcass and shutters are generally melamine MDF. However, wood veneer skin MDF with P.U. Polish finish and designs on shutter surface can be provided with routering as well as with hard wood planted mouldings. Solid wood wardrobe shutters with designs are also an option for high quality requirements.

We use best quality self-closing hinges and drawer sliding rail mechanism on the wardrobes manufactured by us.

Indigatech is capable of manufacturing wooden wardrobes meeting any type of designs and specifications.
Wooden Furniture

Furniture

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CERTIFICATE & ACCREDITATIONS

Certificate of Compliance

Certificate of Compliance

CERTIFICATE OF COMPLIANCE

BM TRADA

BM TRADA

BM TRADA
### OUR PRODUCT / ACTIVITIES

- **Fire Rated And Non Fire Rated Steel Doors**
- **Stainless Steel Doors**
- **Glazed Doors With Stanless Steel Frames**
- **Automatic Doors**
- **Security Doors**
- **Jail Doors**
- **Bullet Proof Doors & Bullet Proof Panels**
- **Stainless Steel And Mild Steel Hand Rails, Clading And Kitchen Cabinets**
- **Steel And Stainless Steel Profile System:**
  - Forster Door System
  - Forster Window System
  - Forster Curtain Wall System
- **Steel Engineering Works**
- **Testing, Adjusting And Balancing (Tab) For Hvac**
- **Third Party Inspection For Mep**

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- **Fire Rated And Non Fire Rated Wooden Doors**
- **Wooden Interior Fit-outs**
- **Wooden Paneled And Decorative Doors**
- **Wooden Wardrobes And Kitchen Cabinets**
- **Prefabricatd Building And Portacabins**
- **Container Type Steel Portacabins With Winching Bar**
- **Steel Containers Conversion**
- **Wooden Hand Rails, Wall Panelling**
- **Parquet Floofing**
- **Acrylic Solid Surface (Artificial Marble)**
- **Hvac Products**
  - Fire Dampers
  - Acoustic Metal Products
  - Variable Air Volume By Pass
PROJECTS EXECUTED

Imperial College London Diabetes Centre
Al Hamra Palace Beach Resort

Al Khor Tower - UAE
Novotel Hotel - Dubai

Dubai Chamber Building
Rotana Suites - Fujairah

Dubai Metro Bus Station

Twin Towers - Doha Qatar
World Trade Centre - Doha, Qatar

Marina Hotel, Yas Island, Abu Dhabi

ABG Towers Bahrain Bay
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Qatar : P.O Box 44447 Doha - Qatar Tel. : +974 4 456 6260 Fax : +974 4 456 6259

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