



**Beta**

**Beta Industrial Business Company**

**Fire Rated Doors UL**

**Hollow Metal Doors & Frames**

**Door Hardware EN|ANSI|UL |Certifire**

**Steel & Stainless Steel Products**



**BUREAU VERITAS**  
Certification  
ISO 9001:2015



# Introduction

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**Beta**

*Beta Industrial Business Company*

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We at **BETA INDUSTRIAL BUSINESS COMPANY** emphasize quality in our complete line of Hollow Metal Doors, Frames, and Architectural Hardware. Our commercial grade products provide long lasting durability and security to your business, educational buildings, industrial foundations and residential applications. We will custom build Doors and/or Frames for any size or design to meet your specifications. We also service and install any of our products to fit your needs



**Beta** Hollow Metal Door services all of Governmental and Special projects, and ships to any place in the Middle East & the GCC

We can provide you with an unlimited variety of doors to meet any design requirement. Doors can be flush (no windows), or we can supply light openings (windows) of any size in the door, or any kind of grills, shutters and louvers in any required sizes

**Beta** can provide a variety of internal cores to meet your building requirements and fire protection needs like Honeycomb, Steel-Stiffened, Polystyrene, and Polyurethane. We can also provide stile and rail doors for full glass or full louver applications. We have doors available from 12 gauge to 20 gauge

Through superior craftsmanship, innovation, and long years of engineering excellence **Beta** remain one of the leaders and experts in the field of hollow metal industries here in the GCC, extending our leadership by continuously providing the high quality products, the best consulting, the optimum specifying and the after sale services in the hollow metal industry to help our customer in performing their projects in a manner meets or exceeds the requirements of the end users





## Company Profile

**Beta Industrial Business Company** was founded in 2001 as a part of the BETA group which were founded in 1977; to join a group of affiliated companies dedicated to offer the high quality products and services in the hollow metal industries, with root stretching back to 1977 we will take a look to the story of success for BETA GROUP.

Beta group of Companies is one of the fastest growing Commercial Enterprises with large Importing, Exporting and Manufacturing agencies in the United Arab Emirates.

The Beta Group started its operations with Electrical Contracting. Today, it has expanded to 5 Companies with branches in Abu Dhabi, Riyadh and Jeddah and has over 800 employees on its payroll.

The Beta Group realizes that it owes much of its success to its staff of professional employees, whom it considers to be the Group's greatest assets. The entire team of Beta's consists of qualified Engineers and employees drawn from the Electrical, Mechanical, Computer or Networking Fields. Each possesses excellent Product knowledge and is capable of satisfying all requirements of our Clients and specifying the best solutions to them.

The Technical Staff are equally qualified and regularly undergo training courses conducted by Beta's Principals.

### Beta Group consists of:

- **Beta Industrial LLC**
- **Beta Information Technology LLC**
- **Dar Beta Information Technology – Riyadh**
- **Precision Industries**
- **Beta Industrial Business Company - Riyadh**



## **BETA INDUSTRIAL BUSINESS COMPANY**

### **Address**

P.O. BOX: 355671, RIYADH 11383 – KSA Web Site: [www.adf.com.sa](http://www.adf.com.sa)  
TEL: +966 1 2654551; +966 1 2654552, FAX: + 966 1 2654550  
E-Mail: [ahmed.daour@adf.com.sa](mailto:ahmed.daour@adf.com.sa)

## **PRECISION INDUSTRIES**

### **Address**

P.O. BOX: 37448, DUBAI – UAE Web Site: [www.pi-dubai.com](http://www.pi-dubai.com)  
TEL: +971 4 338 4033 FAX: + 971 4 338 3997 E-Mail: [info@pi-dubai.com](mailto:info@pi-dubai.com)

**COUNTRY OF REGISTRATION:** DUBAI – UAE, RIYADH – K.S.A

**FOUNDED:** 2001/2005

### **ACTIVITIES:**

**Beta Industrial Business Co.** - Riyadh is a fully fledged facility to carry out a wide range of production activities for manufacturing hollow metal doors and frames, A/C Accessories and Metal Cabinets in Riyadh. It is a new concept at the local market specialized to service the industry with high precision high custom made metal components at affordable prices and affordable delivery irrespective of quantity. Through the variety of the state of the art flexible manufacturing CNC laser, CNC punching & CNC bending system it is possible to process wide range of Complicated & sharp tolerance components in different size & quantities. This gave us the chance to be one of the creative leaders in the region.

**Precision Industries** – Dubai provides tailored power solution –PI Diesel Generator sets and Canopies with various types covering the power range from 9KVA to 2000 KVA - to the most challenging power requirement of even the most exaction customers. Assuring our customers that every generator set complies with most rigid levels of quality, efficiency and safety, whether it is an automatic emergency standby system or a generator set for prime power full load applications. They have production facility located in Dubai, UAE. It is supervised by highly specialized team, and equipped with CNC machinery, powder coating system and assembly lines equipped to deliver high quality components needed for all our power generation and distribution systems.

PI Diesel Generators are powered by the high quality genuine Perkins Engines coupled with the well known reliable genuine alternators such as LEROY SOMER® and STAMFORD®

**BETA INFORMATION TECHNOLOGY L.L.C.**

**Address**

P.O. BOX: 19085, DUBAI – UAE Web Site: [www.betait.net](http://www.betait.net)  
TEL: +971 4 286 8789 FAX: + 971 4 286 8443 E-Mail: [beta@betait.net](mailto:beta@betait.net)

**DAR BETA INFORMATION TECHNOLOGY**

**Address**

P.O. BOX: 19389, RIYADH 11435 – KSA Web Site: [www.betait.net](http://www.betait.net)  
TEL: +966 1 200 6066 FAX: + 966 1 200 6400 E-Mail: [beta@betait.net](mailto:beta@betait.net)

**BRANCH:**

P.O. BOX: 127017, JEDDAH 21352 – KSA Web Site: [www.betait.net](http://www.betait.net)  
TEL: +966 2 261 6880 FAX: +966 2 261 6889 E-Mail: [beta@betait.net](mailto:beta@betait.net)

**BRANCH:**

P.O. BOX: 6140, DAMMAM 32232 – KSA Web Site: [www.betait.net](http://www.betait.net)  
TEL: +966 3 857 1019 FAX: +966 3 857 1016 E-Mail: [beta@betait.net](mailto:beta@betait.net)

**COUNTRY OF REGISTRATION:** DUBAI – UAE, RIYADH – K.S.A

**FOUNDED:** 1990

**ACTIVITIES:**

Beta IT is one of the Middle East market leaders in the field of data communication, data security and networking. Our services offering includes: consultancy, design, systems engineering project management, service level agreements, training & system documentation



**Beta Industrial I.L.c**

**Address:**

P.O. BOX: 50708, DUBAI – UAE; Web Site: [www.betag.com](http://www.betag.com)  
TEL: +971 4 706 9777 FAX: + 971 4 706 9787 E-Mail: [betai@betag.com](mailto:betai@betag.com)

**BRANCH:**

P.O. BOX: 25204, ABU DHABI – UAE; Web Site: [www.betag.com](http://www.betag.com)  
TEL: +971 2 645 0107 FAX: + 971 2 645 0167 E-Mail: [betai@betag.com](mailto:betai@betag.com)

COUNTRY OF REGISTRATION: DUBAI – UAE

FOUNDED: 1989

**ACTIVITIES:**

**BETA INDUSTRIAL LLC:** Broadly classified into two divisions dealing in the Trading of Electro-Mechanical products [formerly Beta Trading Co. LLC] and Manufacturing of Aluminium Air Terminal Devices (Grills, Diffusers and Duct Accessories for Central Air-conditioning) based on qualified and approved International Standards. The Company is the first in its field to be certified to ISO 9001 standards in the Gulf and Middle East. The factory also has its own modern specialized Powder Coating Plant. There is also an additional plant in Al Quoz.

Over the past years it has evolve, improve and developed its activities and expanded its range of assets by start also producing Volume Control dampers, Fire dampers, Access Doors, Sound Attenuators and VAV. It is also tied up with M/S Air zone of Spain to provide Grills and Diffusers for Zoning Systems. Beta products lead the market in UAE and are also exported to over 40 Countries

Beta group deals with many reputable brands in all over the world, in order to meet the requirements of its dear customer, by providing them the best essence of the world wide experts in the field like:

Beghelli – Italy / Prazisa - Germany / Wilson – Singapore / Ducab – UAE / Clipsal – Australia / Beta – Cable support Systems – GI Cable Trays, Trunking and Accessories made by Beta - UAE. Vortice – Italy / Howden Donkin – South Africa / Supervent Fans – Beta – UAE / Grills and Diffusers, Volume and Fire Dampers, Sound Attenuators and VAV, Access Doors / AFS Duct Accessories-Turkey / Air zone Zoning Systems – Spain / Netrack – Networking cabinets made by Beta – UAE

## **BOARD OF DIRECTORS**

**MR. MOTASIM DAOUR**  
**OWNER**

**MR. BASSAM NAZZAL**  
**MANAGING DIRECTOR**

## Machinery

SR	NAME OF MACHINES	QTY
1	BYSTAR LASER,	1
2	FINN POWER CNC PUNCHING.	2
3	BYKAL CNC BENDING	3
4	BYKAL NC BENDING	1
5	FINN POWER CNC HDY PUNCHING	1
6	ELECTRICAL FINN POWER BENDING	2
7	IMAL BENDING	1
8	DURMA BENDING	1
9	ROLL BEDING MACHINE	1
10	FOAM INJECTION	1
11	PORTABLE SPOT WELDING.	1
12	POWDER COATING LINE	1
13	POWDER COATING SPRY MANUAL	1
14	MILLER MIG WELDING MACHINE	14
15	MAXIMA SHARING MACHINE	1
16	SPOT WELDING MACHINES	6
17	DECA WELDING MACHINES	2
18	BABY GRANDER	12
19	DRILL MACHINES	7
20	RECHARGEABLE DRILLS	2
21	DRILL PRESS	1
22	TUBE CUTER	1
23	FORKLIFT CATER PILLER	1
24	FORKLIFT DOSAN	1
25	AIR COMPRESSORS ATLAS COPCO	2
26	AIR COMPRESSORS LOCAL	1
27	AIR DRYERS ATLAS COPCO	2



# Certificates and Legal Documents

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**Beta**

*Beta Industrial Business Company*

**BUREAU VERITAS**  
Certification



**MOTASIM AL-DAOOR FACTORY FOR METAL INDUSTRIES**

STREET # 215, 3RD INDUSTRIAL AREA, P.O.BOX 355671,  
RIYADH 11383, KINGDOM OF SAUDI ARABIA

*Bureau Veritas Certification Holding SAS – UK Branch certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below*

**ISO 9001:2015**

*Scope of certification*

**SALES, DESIGN & MANUFACTURING OF METALLIC NETWORK RACKS, TELECOMMUNICATION CABINETS, TELECOMMUNICATION PATCH PANELS, METAL DOORS, CUSTOMER METAL PARTS, AIR OUTLET DUCTS AND ACCESSORIES & PROVISION OF LASER CUTTING SERVICES.**

Original cycle start date:	<b>04 APRIL 2014</b>
Expiry date of previous cycle:	<b>11 MAY 2020</b>
Re-Certification Audit date:	<b>10 MAY 2020</b>
Re-Certification cycle start date:	<b>08 OCTOBER 2020</b>

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **11 MAY 2023**

Certificate No. **MER20.821/UQ**

Version: **No.1**

Revision date: **08 OCTOBER 2020**



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Certification body address: 5<sup>th</sup> Floor, 66 Prescott Street, London E1 8HG, United Kingdom  
Local office: Bureau Veritas Company, Al Raja Tower, 6<sup>th</sup> Floor, King Abdulaziz Road,  
P.O. Box 20189, Al-Khobar 31952, Kingdom of Saudi Arabia.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.  
To check this certificate validity please call: +966 13 882 1071

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## Certificate of Compliance

Certificate Number 20090122-R25863  
Report Reference R25863, 2008 August 14  
Issue Date 2009 January 22

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**Issued to:** Beta Industrial Business Company  
3rd Industrial Area,  
Riyadh 355671 Saudi Arabia

*This is to certify that  
representative samples of*

### **Fire Door And Window Frames**


**Door Frames for use as a component in fire door assemblies that meet the requirements of UL 10B (neutral pressure):**  
Three-sided single swing, transom frames with transom bars and frames for standard pairs.

*Have been investigated by Underwriters Laboratories Inc.® in accordance with the Standard(s) indicated on this Certificate.*

**Standard(s) for Safety:** "Standard For Safety For Fire Tests of Door Assemblies," UL 10B Tenth Edition Dated FEBRUARY 7, 2008 and UL Subject 63.

**Additional Information:** N/A

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

**Look for the UL Listing Mark on the product**

Issued by: *Lavanya Govardhanam*  
Lavanya Govardhanam, Customer Service Professional  
UL India Private Limited

Reviewed by: *Matthew Schumann*  
Matthew Schumann, Senior Project Engineer  
Underwriters Laboratories Inc.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.  
For questions in India you may call +91-80-41384400.



## CERTIFICATE OF COMPLIANCE

Certificate Number R25864  
Report Reference R25864-2008-09-19  
Date 2022-August-04

Issued to: **Beta Industrial Business Company**  
3Rd Industrial Area  
Riyadh 355671 SA

This is to certify that  
representative samples of

**SWINGING-TYPE FIRE DOORS**  
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the  
Standard(s) indicated on this Certificate.

Standard(s) for Safety: **ANSI/UL 10B - Standard for Fire Tests of Door  
Assemblies**

Additional Information: See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

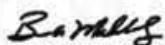
Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

**Models:**

A single and a pair of swinging steel-stiffened, hollow metal type fire doors intended for 3, 1-1/2, 1 and 3/4 h locations for use in masonry construction. Doors are Classified in accordance with UL10B



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



## CERTIFICATE OF COMPLIANCE

Certificate Number 2018-10-17-R25864  
Report Reference 2008-09-19-R25864  
Issue Date 2018-OCTOBER-17

Issued to: **Beta Industrial Business Company**  
3<sup>RD</sup> INDUSTRIAL  
RIYADH, 355671  
SAUDI ARABIA

This is to certify that  
representative samples of

**Swinging-Type Fire Doors**  
See addendum page for model information

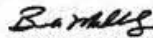
Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/NFPA 80, "Fire Doors and Other Opening  
Protectives,"

Additional Information: See the UL Online Certifications Directory at <http://www.ul.com/certifications> for additional  
information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please  
contact a local UL Customer Service Representative at <http://www.ul.com/contact-us>




## CERTIFICATE OF COMPLIANCE

Certificate Number 2018-10-17-R25864  
Report Reference 2008-09-19-R25864  
Issue Date 2018-OCTOBER-17

Swinging doors may be provided as follows:

Max Rating	Opening Type	Hollow Metal Type Door	Steel Covered Composite Type Door
3 Hr	Single or Pair With Astragal	X	—
	Single Point Lock/Flush Bolts		
3 Hr	Single Rim/Mortise Fire Exit Hardware	X	—
3 Hr	Pair with Astragal	X	—
	Vertical Rod/Vertical Rod Fire		



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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# Quality Overview



**Beta**

*Beta Industrial Business Company*

### Mission Statement

**Beta** continuing challenge and mission is to proactively design, produce and supply the premier Hollow Metal Doors, Hardware with all its functions, Metal Cabinets and Sheet Metal works for the GCC with the highest level of quality and affordability meeting the needs of the steel door and frame industry to all levels of customers; while creating a model company that honors commitments to customers, employees, community, and suppliers.

### Vision Statement

Globally competitive factory with concentrate to produce world class high quality metal doors, frames and other light sheet metal works, meeting customer satisfaction, believing in high quality systems with view to enhance share holders value.

### Quality Policy

Our quality policy simply can be summarized as satisfy customer needs and expectations by delivering products that are verified to meet the agreed requirements, on time. Also monitor and continuously improve business, products and services, organization and employees performance.

We at **Beta** are committed to total customer satisfaction at all times with maximum effectiveness. We are developing our team through involvement, training and effective communication. We are charged with responsibility to meet customer requirement and continually improve the quality in keeping with our objective.

**Beta** Quality Policy is to be the Best Customer Satisfier by providing Products of the highest quality. **Beta** commits and empowers its employees to implement this policy through making our customers' total experience with **Beta** the best in the industry, clearly understand customer needs and provide products that meet those needs. Integrate quality management principles into critical business processes and decision-making practices, continuously improve the effectiveness of the Quality Management System, our processes and products to enhance their value for our customers, shareholders, and employees, also establish quality requirements and ensure suppliers, partners and contractors comply with them and maintain our Quality Management System to conform to the requirements of ISO9001.

# Selective Projects



**Beta**

*Beta Industrial Business Company*





**قائمة المشاريع List Of Projects**

الرياض	روشن العقارية
العلا	الهيئة الملكية بالعلا
عسير	جامعة الملك خالد
جميع انحاء المملكة	مركز صحية
الرياض	القوات البحرية
رايغ	مشروع البحر الأحمر
جميع انحاء المملكة	مدراس شركة تطوير المباني TBS
الرياض	جامعة دار العلوم
الرياض	مستشفى الدكتور محمد الفقيه
الرياض	مستشفى دله نمار
مكة	المستشفى السعودي الألماني
جدة	بوابة جدة - شركة إعمار العقارية
الحناكية	المعهد التقني الفني
خيبر	المعهد التقني الفني
الرياض	جامعة الأميرة نورة
حضر الباطن - الرياض - المدينة المنورة	مراكز تدريب وسكن الأمن العام
خميس مشيط - تبوك	مراكز تدريب وسكن القوات الجوية
الرياض - تبوك	الحرس الوطني
البطحاء - الدرة	مراكز فحص الشاحنات على منفذ البطحاء
الرياض	مركز موبايلي للإتصالات
الرياض	مبنى التحكم بقرية الإتصالات
جيزان	ميناء جيزان
جدة	مبنى الجودة النوعية بميناء جدة الإسلامي

**قائمة المشاريع List Of Projects**

جدة	وحدات تتبع لوزارة الكهرباء بميناء جدة الإسلامي
الرياض	مركز البريد السعودي
الخفجي	بنك البلاد
حراء	بنك البلاد
الرياض	بنك ساب
الرياض	مركز بلدا التجاري
مشاريع متفرقة بالمملكة	مصانع ومطاعم هريفي
الرين	مركز الرين للشؤون البلدية
جدة	داتا سنتر
الرياض	المجمعات السكنية بالتحلية
الرياض	مركز الماس بلازا
جدة	قصر حطين
جدة	قصر هيتين
الخبر	الشبلان تاور ( برج تجاري )
الرياض	وزارة العدل
مكة المكرمة	المقر الدائم لوزارة الحج بمكة المكرمة
الرياض	مشروع تطوير مباني وزارة الداخلية
الرياض	مباني الشركة السعودية للكهرباء
الرياض	مبنى الإدارة الهندسية والإسكان - وزارة الدفاع
بني تميم	مبنى البلدية حوطة بني تميم
الظهران	الأشغال العسكرية
جيزان	الأشغال العسكرية
ينبع	الهيئة الملكية للجبيل وينبع



**قائمة المشاريع List Of Projects**

الرياض	معسكر قوات الطوارئ
الرياض	مركز الحوار الوطني
الرياض	مبنى وزارة الزراعة
الرياض	البنك السعودي الأمريكي - سامبا (عدة فروع)
القطيف تبوك	المعهد الفني التقني
جدة	كلية إعداد المدربين - مؤسسة العامة للتدريب التقني
المدينة المنورة	معهد اللغة العربية - الجامعة الإسلامية
القصيم - الغاط	مبنى محافظة الغاط - وزارة الداخلية
الرياض	مباني إدارية - شركة المراعي للأغذية و المشروبات
تبوك	مبنى الدفاع المدني
الرياض	فندق اضافة
متفرقة بأحاء المملكة	المشروع الاستراتيجي (KAP 0)
متفرقة بأحاء المملكة	مركز المشروعات التطويرية - وزارة الداخلية
الرياض	قوات الدفاع الملكي السعودي - وزارة الدفاع و الطيران والمفتشية العامة
رفحاء	كلية التقنية
العيص	كلية التقنية
المدينة المنورة	جامعة طيبة
القويعة	كلية العلوم و الدراسات الانسانية - جامعة شقراء
الليث	مستشفى الليث - وزارة الصحة
الرياض	مركز الملك عبدالله المالي
جدة	مدينة الملك عبدالعزيز الطبية - رئاسة الحرس الوطني

**قائمة المشاريع List Of Projects**

جيزان	مستودعات وزارة الصحة
المنطقة الشمالية	الاشغال العسكرية - وزارة الدفاع
جدة	أبراج بيات بلازا
بيشة	مستودعات وزارة الصحة
تبوك	مستشفى الصحة النفسية - وزارة الصحة
رفحاء	كلية الاداب و العلوم - جامعة الجوف
الدمام	المكتبة المركزية - جامعة الدمام
ابها	كلية البنات - جامعة الملك خالد
ابها	كلية التربية - جامعة الملك خالد
مكة المكرمة	عمادات السنة التحضيرية - جامعة ام القرى
نجران	إدارة الجامعة - جامعة نجران
المدينة المنورة	سكن طلاب - جامعة الاسلامية
جدة	جامعة الملك عبدالعزيز
حائل	مستشفى حائل العام - وزارة الصحة
بيشة	مستشفى الولادة والاطفال - وزارة الصحة
الرياض	مدينة الملك عبدالعزيز للعلوم والتقنية
الرياض	كلية البنات - جامعة الملك سعود
الهفوف	كلية العلوم الزراعية - جامعة الملك سعود
القطاع الاوسط	مباني عمليات قاعدة الامير سلطان - القوات الجوية
المزدلفة	الهلال الاحمر بالمشاعر المقدسة
الرياض	مستشفى الملك خالد للعيون

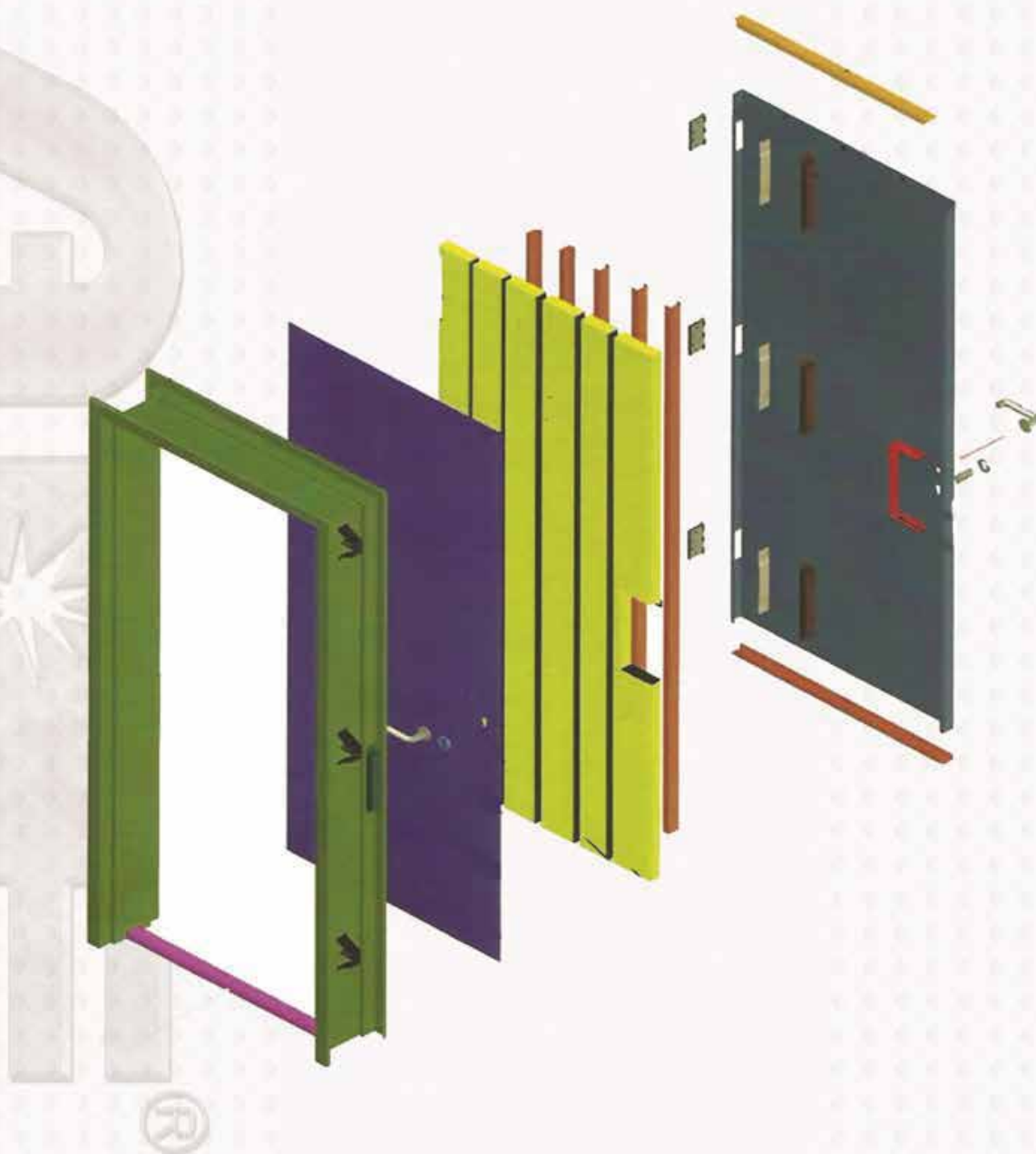
# Our Products & Technical Data



**Beta**

*Beta Industrial Business Company*





## **General Overview about ADF Metal Doors & Frames**

### **DESCRIPTION:**

This specification applies to standard hollow metal doors, frames and their components as shown on plans, drawings and data sheets that are manufactured by Beta Industrial Business Company

### **PRODUCTS COVERED:**

Swinging and Sliding type hollow metal doors intended for commercial, industrial and residential use.

### **DOOR SIZES:**

Door panel thicknesses are either of 38mm. (1-1/2) or 44mm. (1-3/4) thick single or double swing doors having 0.8mm. - 1.2mm. (Gage 18) thick galvanized steel faces with a maximum door width of 1100mm. (43-1/3) and a maximum height of 2600mm. (102-1/3 ) for each door leaf. Exceeding the maximum door sizes can be constructed with a different approach in door construction methodologies with additional supports & reinforcements.

### **DOOR CONSTRUCTION:**

Details of door construction are shown on drawing (Beta-DCD01/2011)

### **INSULATION:**

The hollow cores are filled with 35 - 40kg./cu.m. (2.2lbs./cu.ft.) Density of Polyurethane foam Insulation that provides thermal insulation qualities that reduces external noise and creates a more pleasant internal environment within the structures. As an alternate insulation, as required by client, may use 50mm. (2) thick Fibreglass insulation having a density of 40kg. / cu.m. (2.5lbs./cu.ft.) Or hexagonal shaped cells Kraft paper Honeycomb core. Or it can be filled with 100kg./cu.m high density Rockwool which has perfect flammability specifications for stopping the fire spreading and move, especially for the fire rated and external doors.



## GENERAL GOORS

The quality and reliability of **Beta** general or ordinary doors and frames have made them a favored choice for construction projects here in Saudi Arabia and the GCC. Using only the highest quality materials and manufacturing techniques, **Beta** produces metal doors and frames in a wide variety of sizes, gauges, and styles to meet the full range of safety, security and aesthetic requirements.

**Beta** can provide most types and styles of steel doors and frames for interior and exterior use and is one of the few manufacturers able to deliver both custom and standard doors and frames on the same order. Through our ability to produce uniquely designed doors and frames, **Beta** offers architects total design freedom.



### STANDARD FEATURES:

- \* **Frame / Panel Thicknesses:** 1.2mm-3.0mm / 0.8mm-2.0mm
- \* **Door Thickness:** 45mm- 48mm.
- \* **Insulation:** Polyurethane, Polyester, Honey comb or fiberglass.
- \* **Material:** Galvanized Steel ( GI ) ASTM A526 G90
- \* **Finish:** Blast shot Primer, Powder coated Primer or powder coated top coat as per customer requirements.
- \* **Louvers & Vision Lights:** All sizes of louvers and vision lights are applicable as per required and specified.
- \* **Hardware:** **Beta** doors are designed to work with all kind of hardware and accessories specified for it.

### FINAL USAGE OF ADF METAL DOORS:

Commercial Buildings	Shopping Malls	Industrial Plants
Multiplexes	Auditoriums	Metro Stations
Hotels	Airports	Software Parks
Recording Studios	Schools & colleges	Residential Buildings





#### **GLASS LIGHTS:**

The doors may be provided with viewing glass with a variety of sizes as shown on the drawings. After the door has been cut out to accept the glass light, the inner perimeter of the cut out shall be reinforced using C-channel type glass framing that consist of 1.5mm.thk. galvanized steel sheets tack welded to the door skin. The outer perimeter of the glass framing that holds the glass, are consist of 1.2mm.thk galvanized steel sheets that are formed according to the designed details as shown on the drawing. It is tack welded on the outer side of the door skin and fixed with screw on the inner side of the door skin. The glass and seals requirements are usually provided by the contractor or owner.

#### **LOUVERS:**

Door louvers, when required, may be provided as an assembled unit. Louver blades are constructed on two different standard designs as shown on the drawing, mainly Z-type and inverted Y designs. It is constructed using 1.2mm thick galvanized steel sheets for louver blades & 1.5mm.thk galvanized steel sheets for louver framings. The inner perimeter of the louver cut out are reinforced with C-channel type @ 15mm. X 41mm. tack welded to the door skin. The outer perimeter frames are reinforced with C-channel type @ 15mm. X 46.4mm. Louvers may be installed in single doors or in each leaf of a pair of doors and either is located at bottom portion or top portion of the door panel.

#### **DOOR FRAMES:**

The frame in which the door was mounted was a pressed steel type frame, consisting of a head and jamb pieces manufactured from 1.5mm thick galvanized steel sheets with 16mm. high stops. It is constructed either at single rabbet or double rabbet jamb designs, as shown on the drawing.

The frame depth varies according to client s requirement or either to the existing finish masonry wall thicknesses. The appropriate latch and hinge reinforcements along with the attachment of masonry strap type anchor bolt reinforcements were provided. Thicker frames up to 3.0mm sheets, as required, can be constructed on specially ordered frames. Frames with transoms are also provided, when required, and are based on given dimensions & designs by the contractor or client. Transom with fixed glass lights includes metal beads or clip-pings, glass are not included. Transoms can be provided with fixed or swinging type panels and removable transom bars.

## HARDWARE REINFORCEMENTS:

Detect the type of hardware required by the customer for installation and the door's swing orientations prior to the manufacture of the doors, in order to design and fabricate the desired reinforcements for this kind of hardware since each kind of hardware has its uniqueness.



**LOCKSET REINFORCEMENT** - All doors are provided with reinforcements and cut-outs for locks or latches. The reinforcements are consisting of a U-shaped 1.5mm.thk galvanized steel sheets with the dimensions of 41mm.thk. X 100mm.width X 300mm.length. Latch reinforcements are consisting of two 4.0mm.thk. Steel tabs mounted around the latch cut-outs that are fully welded along their tails to the seaming edge.



**PUSH / PULL REINFORCEMENT** - All doors are provided with reinforcements for Push / Pull set. The reinforcements are consisting of a U-shaped 1.5mm.thk galvanized steel sheets with the dimensions of 41mm.thk. X 100mm.width X 600mm.length.



**HINGE REINFORCEMENT** - All doors are provided with reinforcements and cut-outs for hinges. The reinforcements are consisting of three 4mm.thk steel black iron sheets @ 37mm.width x 190mm. length fully welded along their tails to the seaming edge. Doors exceeding 2200mm. height are provided with an additional hinge and reinforcement for each additional 600mm. in height or fraction thereof.

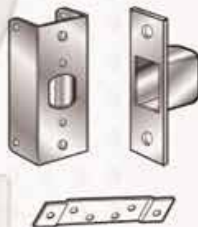


**CLOSER REINFORCEMENT** - Door closer reinforcements are constructed and secured at the top panel opposite side of lockset reinforcement. The reinforcement is consisting of one U-shaped 1.5mm.thk galvanized steel sheets @ 41.6mm.thk. X 100mm. Width X300mm. Length.





**PANIC DEVICE REINFORCEMENT** - Panic device reinforcement are constructed and installed when the required locking system for the door are panic device mechanism. It is usually used for fire exit doors, exit stairs and emergency exit lobby. The reinforcement is consisting of two U-shaped 1.5mm.thick galvanized steel sheets @ 41mm.thk X 100mm. width X 300mm. length. It is installed at both sides of the door where lockset reinforcement is located.



**BOTTOM HARDWARE REINFORCEMENT** - All doors are provided with bottom hardware reinforcement for the purpose of installing door stoppers and other bottom hardware provisions at door panel, as required by the customer. It is constructed and installed at the bottom panel along the lockset reinforcement. The reinforcement is consisting of one U-shaped 1.5mm.thk galvanized steel sheets @ 41.6mm thick X 80mm. width X 180mm length.





## FIRE RATED DOORS

Beta manufactures fire rated hollow metal doors and frames which carry the Underwriters Laboratory (UL) label. They are designed to meet the life-safety requirements in various types of buildings and structures that are compartmentalized to contain the spread of fire.

UL is an internationally recognized, independent laboratory, with a factory validation program that assures conformity of the product to the tested procedure. All labeled doors carry a **UL Metal** label on the doors and frames. Beta UL Labeled products offers the architects, designers and specifiers community various options in door and hardware to suit the design concept in areas of fire containment.

When you are choosing Beta fire rated door and frame for your projects, consider the many benefits of our doors. Beta Fire rated steel doors are rigid, durable, long lasting and offer great endurance through time. They resist environmental stresses like heat and humidity, and it can withstand all type of fires and prevent them from spreading and transfer. Beta fire rated steel doors are the best solutions in settings demanding a high degree of security; the applications in which they can use are almost limitless. Also it has a remarkable degree of design freedom they afford to architects and designers.

Beta fire rated doors have been tested in accordance with UL10B, UL10C and listed by Underwriters Laboratories (UL).



### STANDARD FEATURES:

- \* **Frame / Panel Thicknesses:** 1.5mm-3.0mm / 1.2mm-2.0mm
- \* **Door Thickness:** 45mm - 48mm .
- \* **Insulation:** Rockwool with 90 - 100 Kg/cu.Mt.
- \* **Material:** Galvanized Steel ( GI ) - ASTM A526 G90
- \* **Finish:** Blast shot Primer, Powder coated Primer or powder coated top coat as per customer requirements.
- \* **Louvers & Vision Lights:** Please refer to the basic requirements for vision glasses and louvers.
- \* **Hardware:** Beta doors are designed to work with all kind of hardware and accessories but it should be a fire rated hardware with the same rating as per the door.

## BASIC GUIDLINES FOR GLASS & LOUVERS:

- \* **3 Hour** - 100 sq. inch [.065m<sup>2</sup>] per door leaf (where permitted by the authority having jurisdiction) special glazing.
- \* **1 1/2 Hour** - 100 sq. inch [.065m<sup>2</sup>] per door (wire glass) or 138 sq. inch [.086m<sup>2</sup>] (4) vision panels max. (special glazing)
- \* **45 Min** - 1296 sq. inch [0.84m<sup>2</sup>] per light neither dimension exceeding 54 inch [132mm] (2856 sq. inch [1.84 m<sup>2</sup>] with special glazing).
- \* **20 Min** - 1296 sq. inch [0.84m<sup>2</sup>] per light neither dimension exceeding 54 inch [132mm]
- \* **20 Min** - without hose stream. 2971 sq. inch [1.93m<sup>2</sup>] per light (width 35 3/4" [908mm] x height 83 1/2" [2111mm]).
- \* Fire rated doors can be prepared for listed fusible link louvers. Maximum louver 24" x 24" [610mm x 610mm], maximum rating 1 1/2 hours.
- \* Doors with louvers shall not be provided with glass lights, vision panels or fire exit hardware.





## FULLY LOUVER DOORS & FIXED LOUVERS

Beta provides a wide variety of louver models and finishes within each category of louver types.

Beta louvers serve a specific needs and requirements to control the environment and air movement.

Heavy-duty galvanized construction, 2.0mm frame with 1.5 blades,

Beta are built for durability yet offer a look that is both light and airy. Blending in with several architectural styles, Beta louvered doors are at home in decors ranging from half louvered to fully louvered doors. We build our louvered doors with your choice of Fixed or Operable louvers as well as false louvers where no ventilation is needed.

Beta Steel louvers are designed and applied in custom lengths ready for quick installation. The Special design allows free flow of air, restricting entry of water and dust, Light weight, ready to install, Long Life and Maintenance free.

### STANDARD FEATURES:

- \* **Frame / Blades:** 1.5mm-2.0mm / 1.2mm-1.5mm
- \* **Door Thickness:** 45mm.
- \* **Material:** Galvanized Steel ( GI ) - ASTM A526 G90
- \* **Finish:** Blast shot Primer, Powder coated Primer or powder coated top coat as per customer requirements.
- \* **Hardware:** Beta doors are designed to work with all kind of hardware and accessories.





## KNOCK DOWN FRAMES

Hollow metal frames could be fabricated in two types based on the jointing style: fully welded and knock-down. Welded frames come in a single piece with all corners welded and ground smoothly. This type of frames is positioned first and partitions (gypsum board on metal studs or masonry) are built to it or after there will be a grouting all around the frame. Knock Down frames made of three pieces, two jambs and then the header and they are installed after the partitions are in place; this type of frame is usually used with drywall and gypsum board construction and it is not durable as the welded frames. But it can be used where the fire rating is specified, and mostly it's easier in fixation.

**Beta** has a full range of knock down frames of standard sizes and profiles. Knock down frames are available in 16 gauges for 1 3/4" doors or as per specified by the customers. All standard knock down frames are manufactured from galvanized steel and are prepared and reinforced to receive specific architectural hardware in accordance to ANSI A115 Standards.

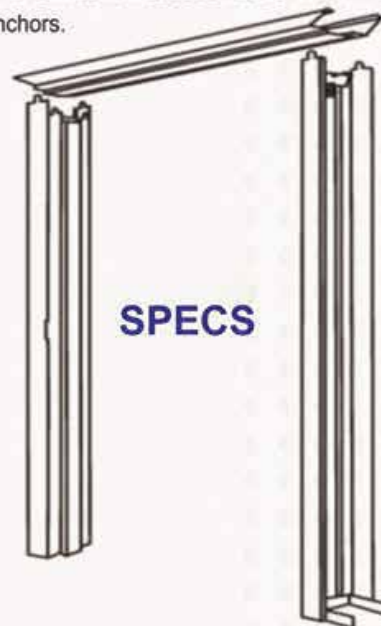
Our **Beta** Standard knock down frame widths range from 700mm to 1100mm with height from 1800mm to 2400mm. Frame depth sizes range from 130mm to 300mm.

Standard knock down for double doors widths range from 900mm to 2500mm with height from 1800mm to 2400mm. Frame depth sizes range from 130mm to 300mm.

Hinge sides are prepared and reinforced to receive 3 to 4 standard weight 4 1/2 x 4 1/2 butt or as per the requirements of the client with regards to the hanging system.

Strike sides are prepared and reinforced to receive any kind of strikes with accordance to ANSI A115.1.

Hinge and strike jambs are supplied with appropriate wall anchors.



## ACCESS PANELS

Beta would like to introduce our new expanded range of products which is Access Panels. You may already be familiar with our very popular Hollow Metal Doors but Beta now offer a fantastic range of metal access panels.

Beta access panel has a wide range of high quality sizes, shapes and finish hardware. It's also available with a fire rated specifications and non-fire rated specifications for multi usage and installation purposes.

Beta metal access panels are designed to provide simple, easy access through dry lined walls, ceilings, ducts and units to gain access to concealed plumbing, switches, valves, stopcocks, fuse boxes, controls and connections when plastic is not the preferred choice

Beta fire rated access panels are produced in a different sizes up to the maximum sizes allowed by our fire resistance certificate circumstances.

### STANDARD FEATURES:

\* **Frame / Panels:** 1.5mm-2.0mm / 1.2mm-2.0mm

Other specified thicknesses are also applicable

\* **Door Thickness:** 45mm - 48 mm .

\* **Material:** Galvanized Steel ( GI ) - ASTM A526 G90

o **Finish:** Blast shot Primer, Powder coated Primer or powder coated top coat as per customer requirements.

\* **Hardware:** Beta doors are designed to work with all kind of hardware and accessories since its rigid and high quality.





## X-RAY DOORS ( LEAD LINE DOORS )

**Beta** make a lead line doors for medical and industrial shielding applications.

They are available in all the required sizes and mechanisms (Sliding, Swing, etc.) as per the requirements of the customer. **Beta** offers single and double rabbet door frames in welded or knock down configurations with prep for all types of hardware configurations to meet the architect specifications.

**Beta** offers a premium line of Lead-Lined Metal Doors are manufactured to have an equal appearance to architectural designed doors and frames. Designed and constructed with the highest quality materials available and craftsmanship you would expect. Doors are designed to take into consideration the heavy weight that sheet lead imposes on them. They are constructed to support this extra weight, which will not detract from their appearance or radiation protection.

The frames are designed to support the lead lined doors to provide a lead lined interface between the door and the lead lined wall in the adjacent walls. Usually they are attached to studs in the walls using a variety of techniques specifically designed to hold the door securely and prevent radiation shielding leakage.

The Lead thickness is determined by the intended application of the product and the determination of thickness is the responsibility of the purchaser. For Hollow Metal Frames and Doors the lead sheet is applied to the inside of the skin of the door on the "pull" side. The Lead Sheet is applied to the face, rabbet, stop, and part of the soffit on the door rebate side of the frame.





## STANDARD FEATURES:

- \* **Frame / Panel Thicknesses:** 1.5mm-3.0mm / 1.2mm-2.0mm
- \* **Door Thickness:** 45mm – 48mm.
- \* **Insulation:** Polyurethane, Polystyrene, Fiberglas or Rockwool. With a (0.7 – 6.0mm) thick. Pure Lead Sheet from the inside of the door.
- \* **Material:** Galvanized Steel ( GI ) - ASTM A526 G90
- \* **Finish:** Blast shot Primer, Powder coated Primer or powder coated top coat as per customer requirements.
- \* **Cut-outs & Vision Lights:** cut outs shall not exceed Total area of the cut-out cannot exceed 40 percent of door area. Maximum for a clear vision is 1,296 square inches.
- \* **Hardware:** ADF doors are designed to work with all kind of hardware and accessories but it should be a fire rated hardware with the same rating as per the door.



## Fixed WINDOWS & FRONT SHOPS

We are a known name in manufacturing of metal windows that are ergonomically designed to lend style to the interiors as well as exteriors. Made from the highest grades of galvanized sheet, these fixed metal windows come in variety of sizes and are either Single Glazed or Double Glazed depending on the customer requirement. These windows are available in different dimensions and colours to suit the customer's choice.

As a premier supplier of shop fronts, we have supplied and installed shop fronts for many leading retailers. We always strive for the highest standard of product, workmanship, and finish. Our frames can be manufactured from a variety of materials and finishes including:

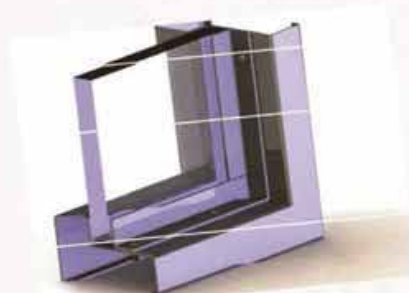
- Powder coated steel
- Stainless steel



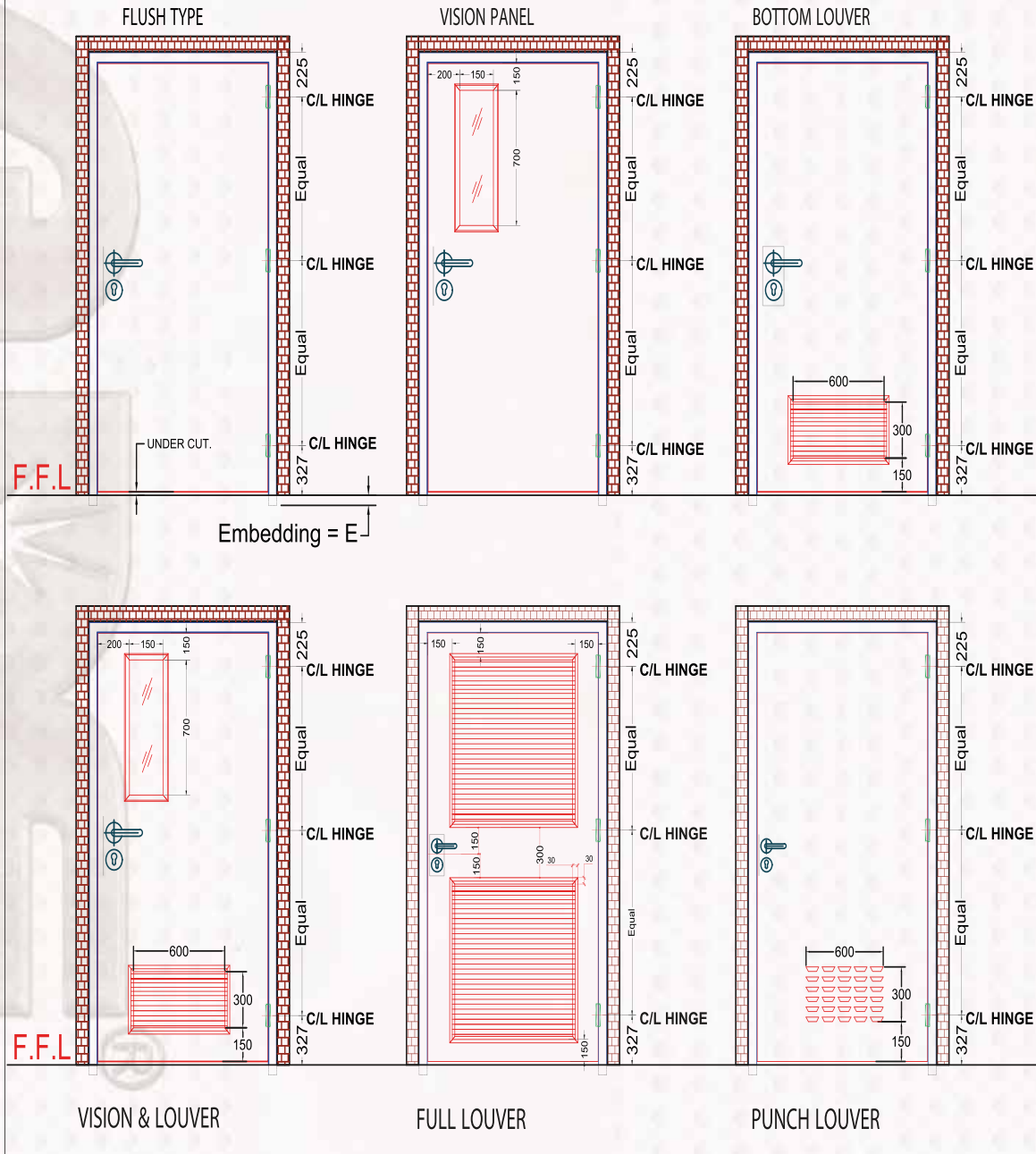
The Frames comprise a mechanical or welded joint construction.

### STANDARD FEATURES:

- \* **Frame** : 1.5mm-3.0mm .
- \* **Material**: Galvanized Steel ( GI ) - ASTM A526 G90
- \* **Finish**: Blast shot Primer, Powder coated Primer or powder coated top coat as per customer requirements.
- \* **Vision Lights**: We can fix all kind of glasses with all its thicknesses and types based on the customer requirements.



## SINGLE DOOR TYPE





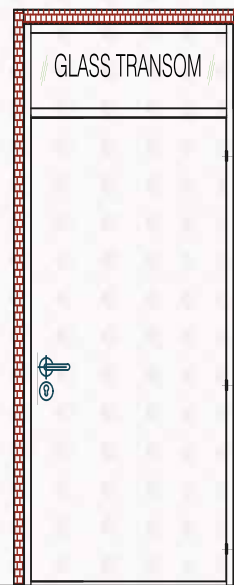
## DOUBLE DOOR TYPE



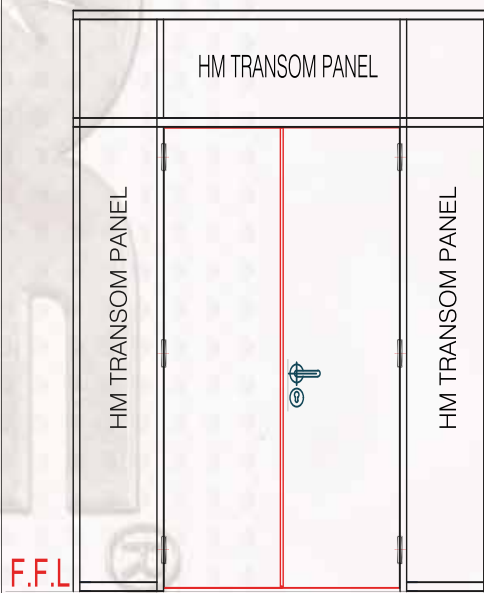
## TRANSOM DOOR TYPE



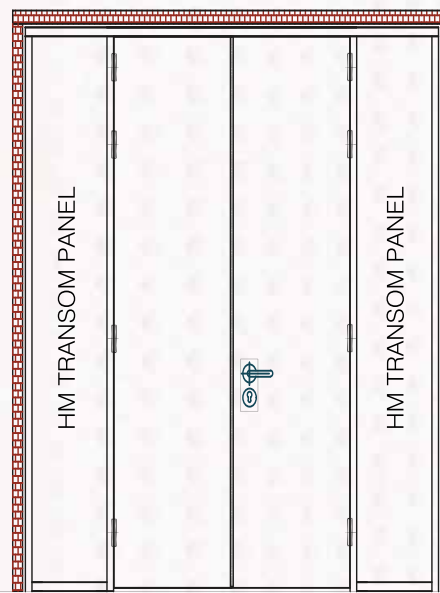
SIDE TRANSOM SINGLE DOOR



UP GLASS TRANSOM SINGLE DOOR

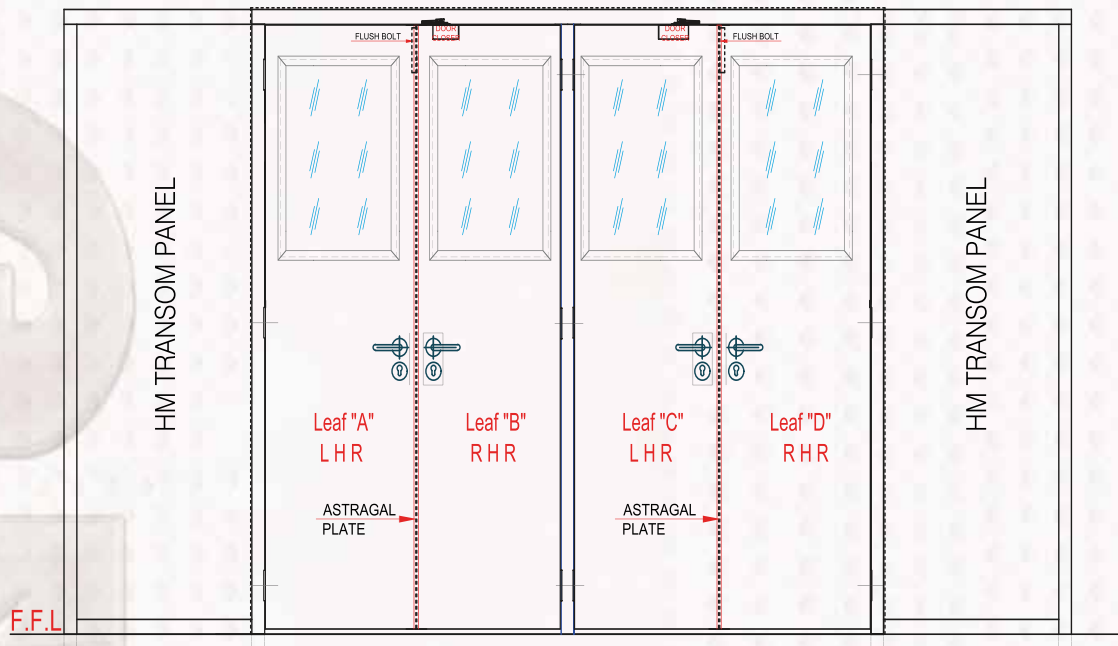


UP & SIDE TRANSOM DOUBLE DOOR

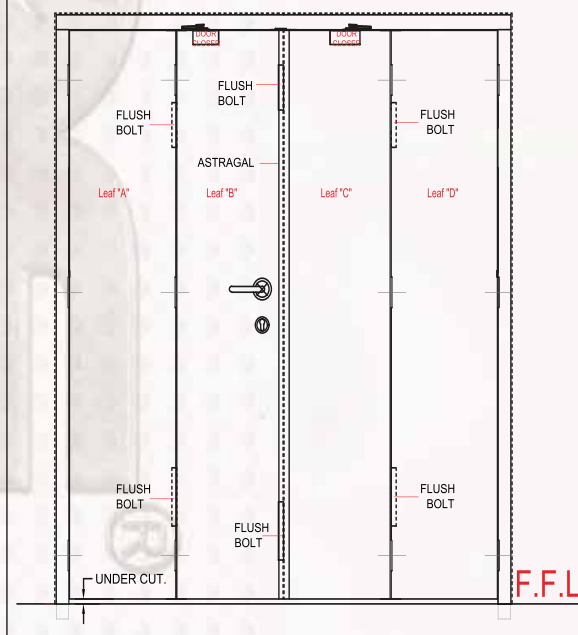


SIDE TRANSOM DOUBLE DOOR

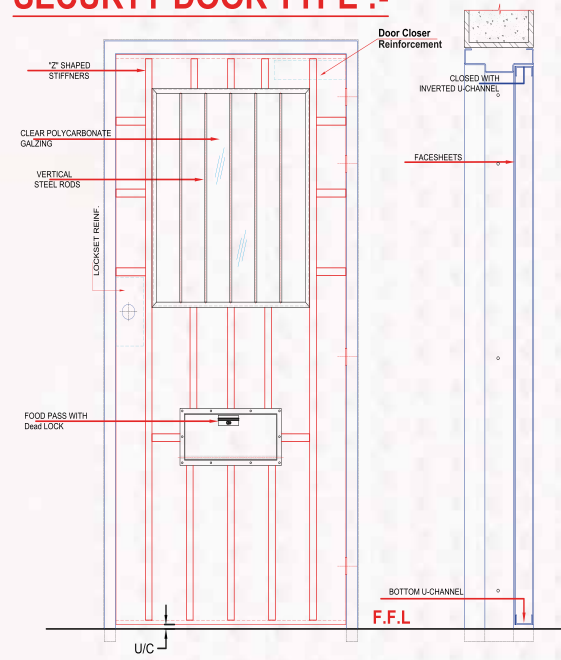
## FOLDING DOOR WITH SIDE TRANSOM DOOR TYPE



### FOLDING DOOR TYPE:-

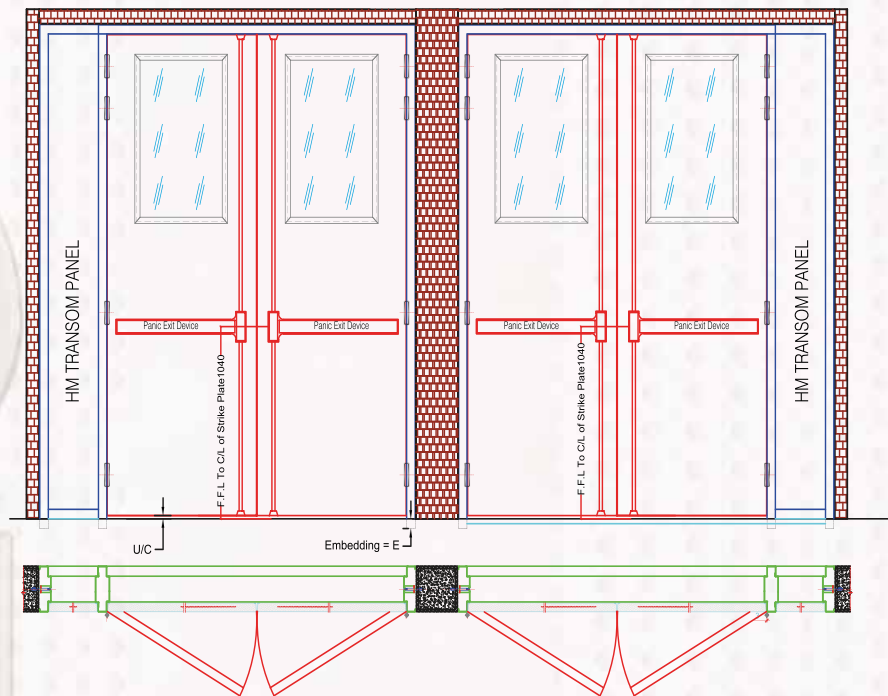


### SECURTY DOOR TYPE :-

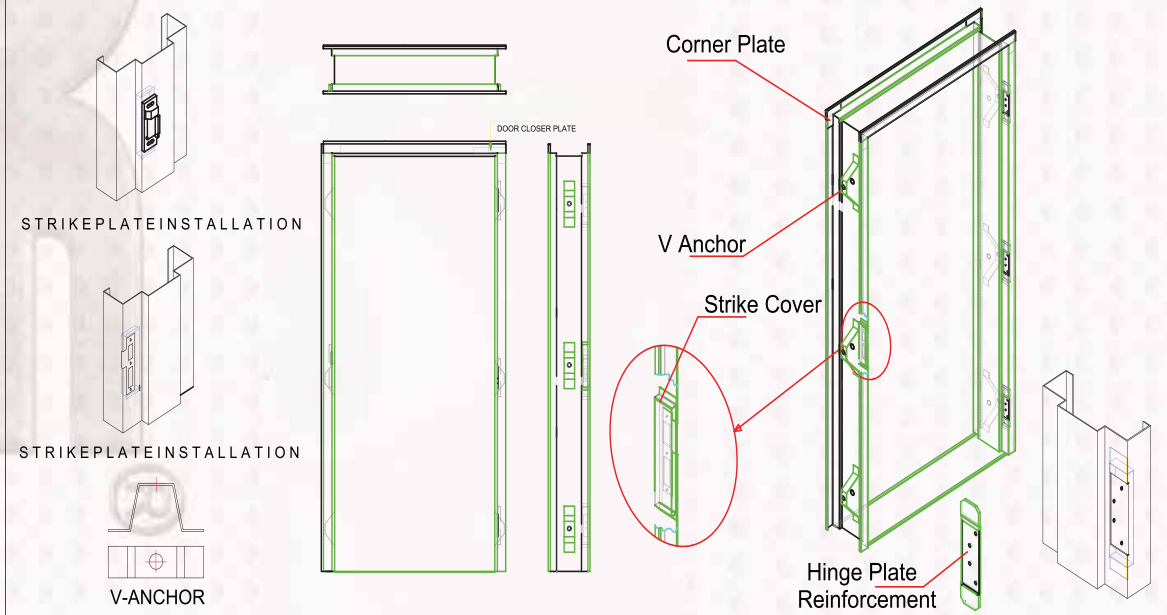




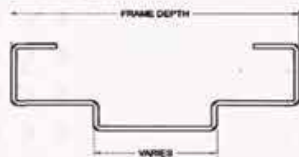
## TRANSOM DOOR BIG VISION PANEL TYPE



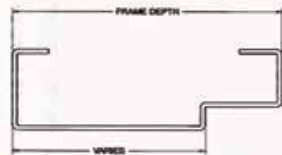
## FRAME & HINGE FABRICATION DETAILS



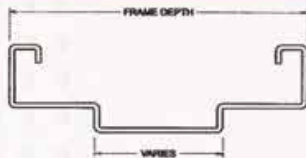
## Frame Profile



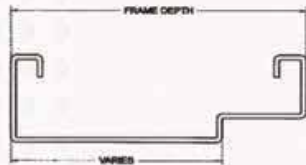
Frame - 2RW



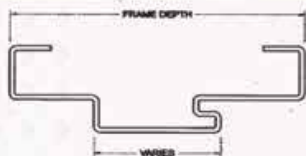
Frame - SRW



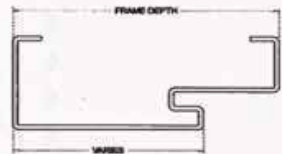
Frame - 2RK



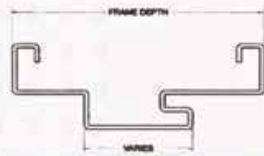
Frame - SRK



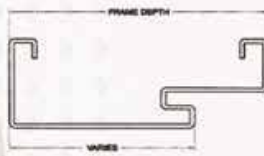
Frame - 2RGW



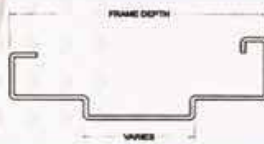
Frame - SRGW



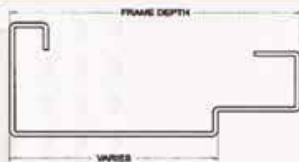
Frame - 2RKG



Frame - SRKG



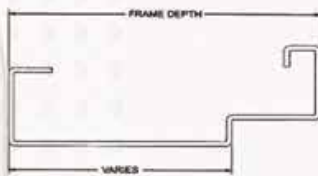
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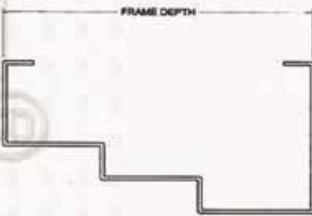
Frame - SRCW



Frame - 2RGCW



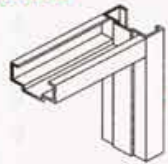
Frame - SRGCW



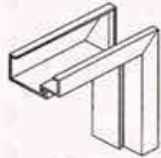
Frame - DE



### Corner Details



Frame Joint Type  
Weld 90Butt



Frame Joint Type  
Mittered Weld

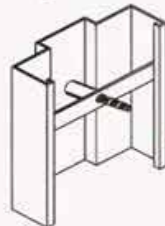


Frame Joint Type  
Mittered Knoced Down

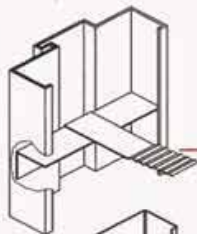
### Anchor Details



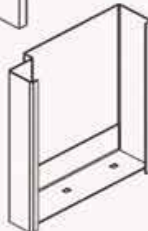
V Anchor Type



Flat Anchor Type

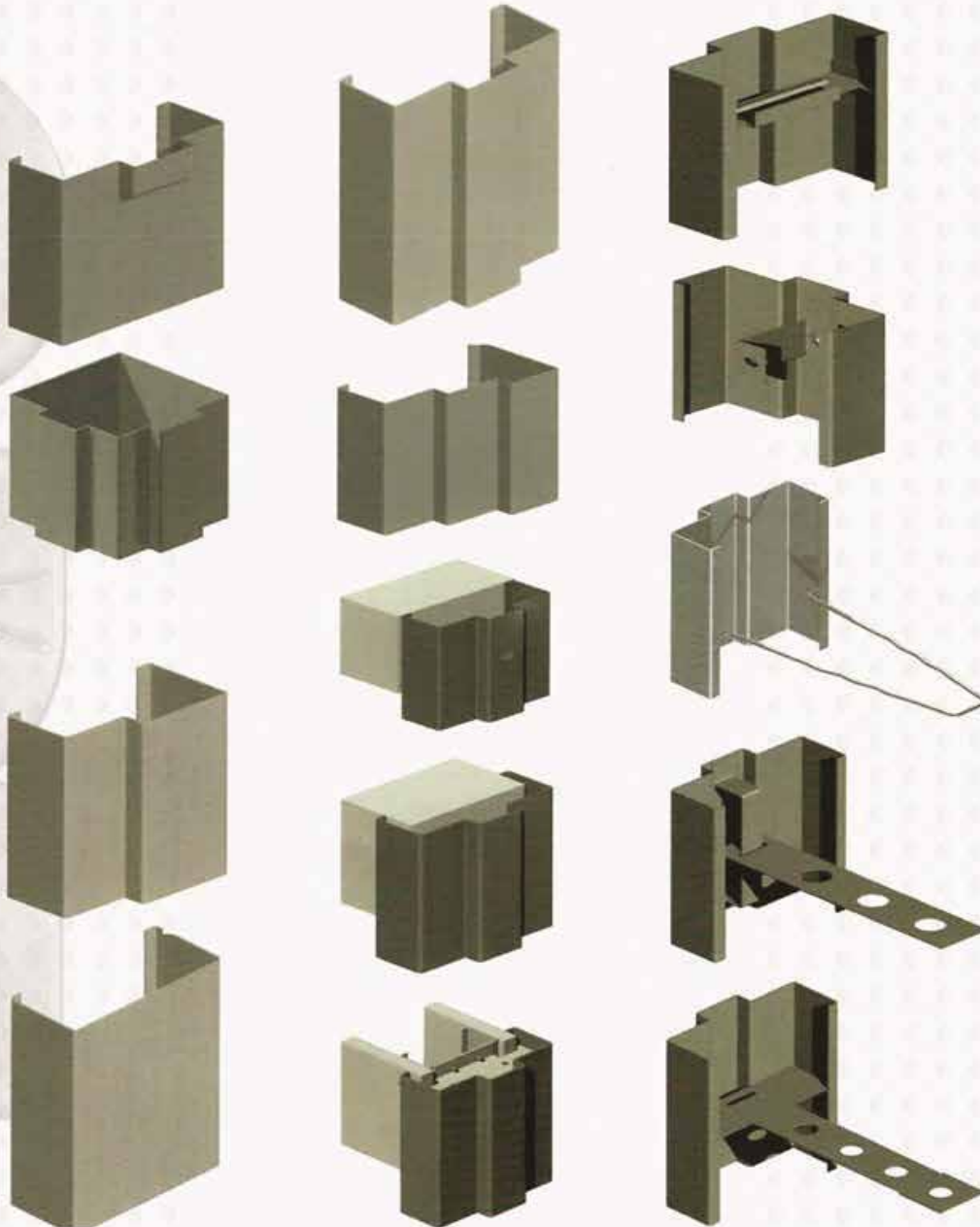


T Anchor Type

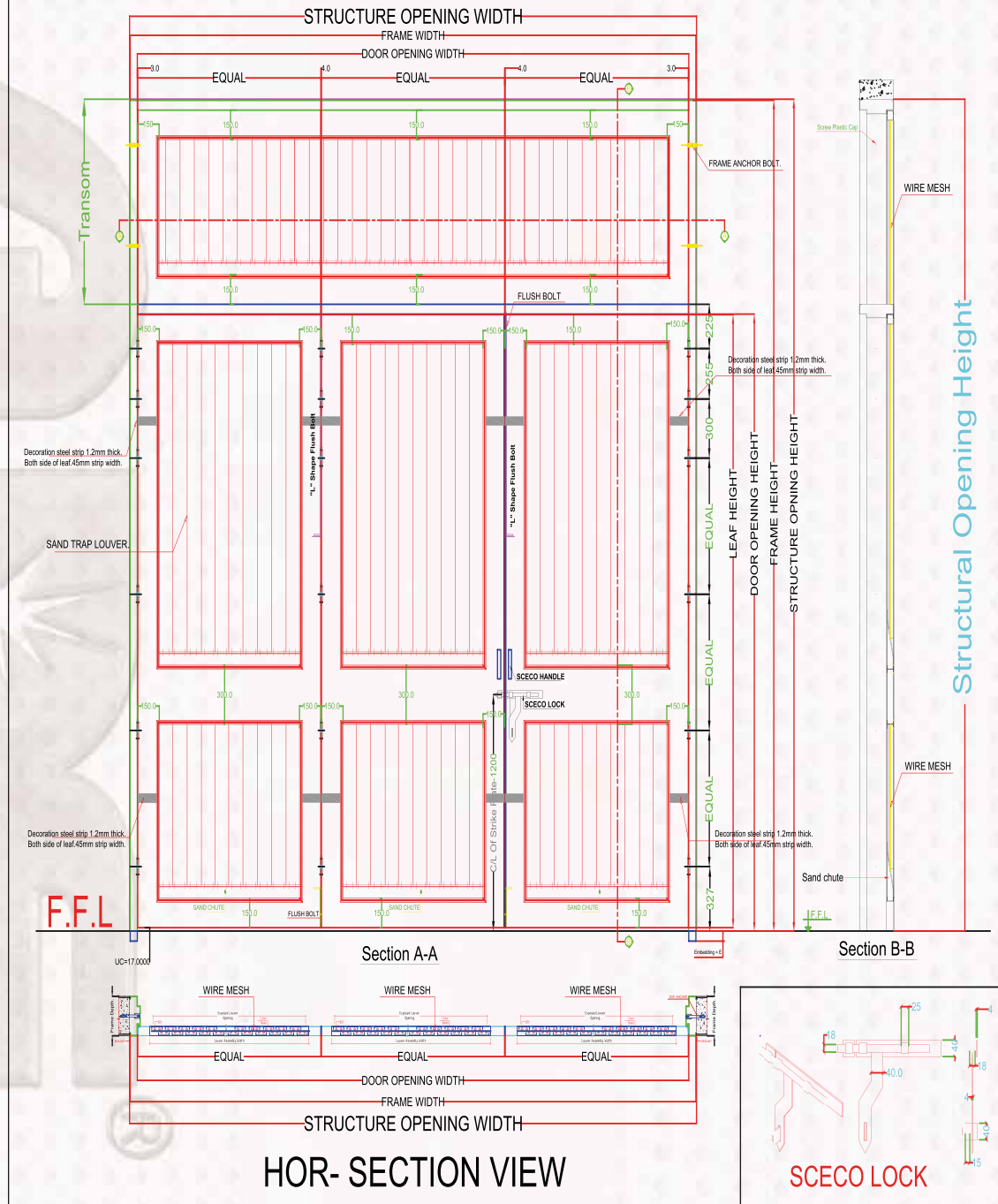


Floor Anchor Type

**Frame Types as Per Wall Type & Door Function**

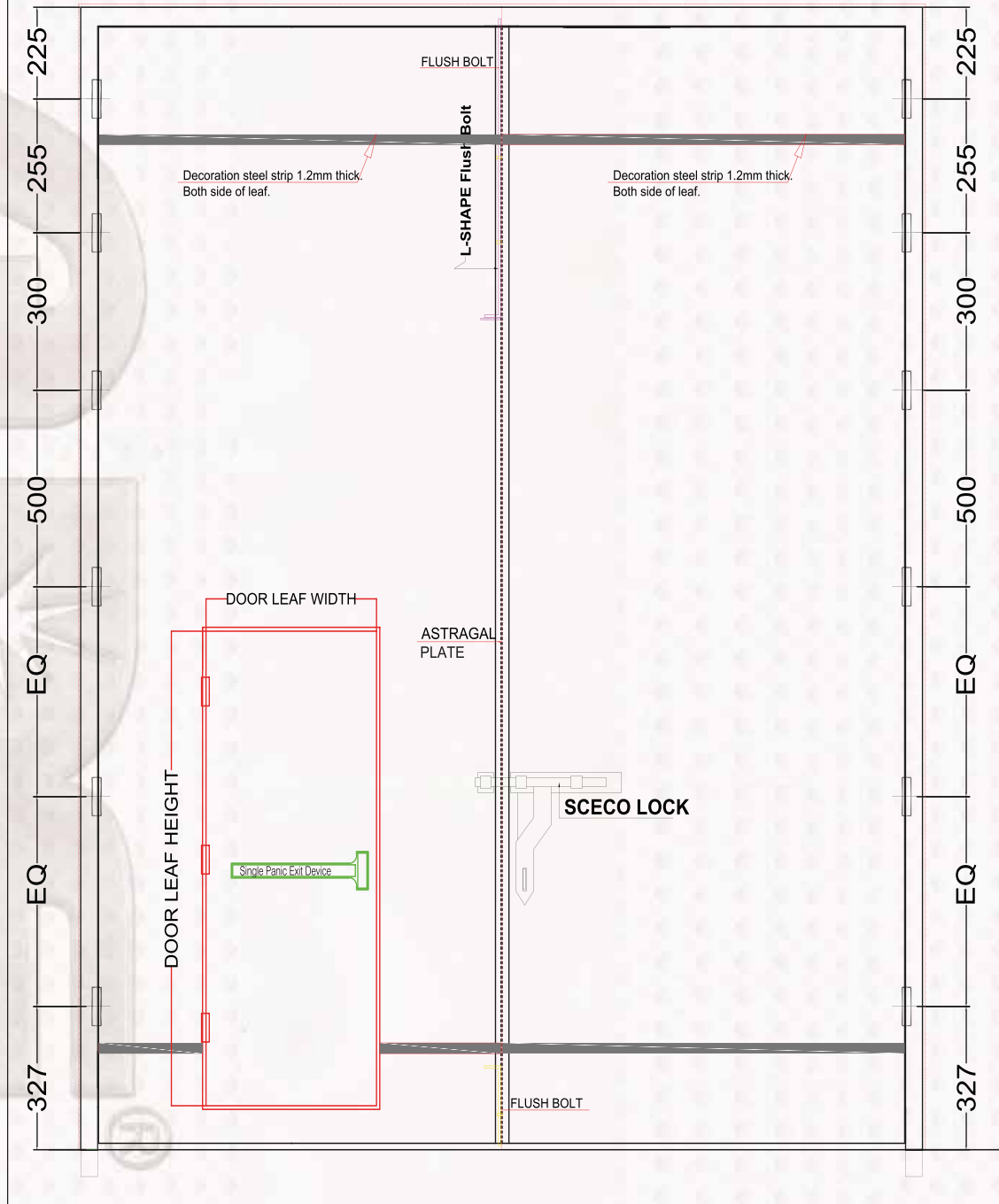


## SAND TRAP LOUVER DOOR WITH TRANSOM :-

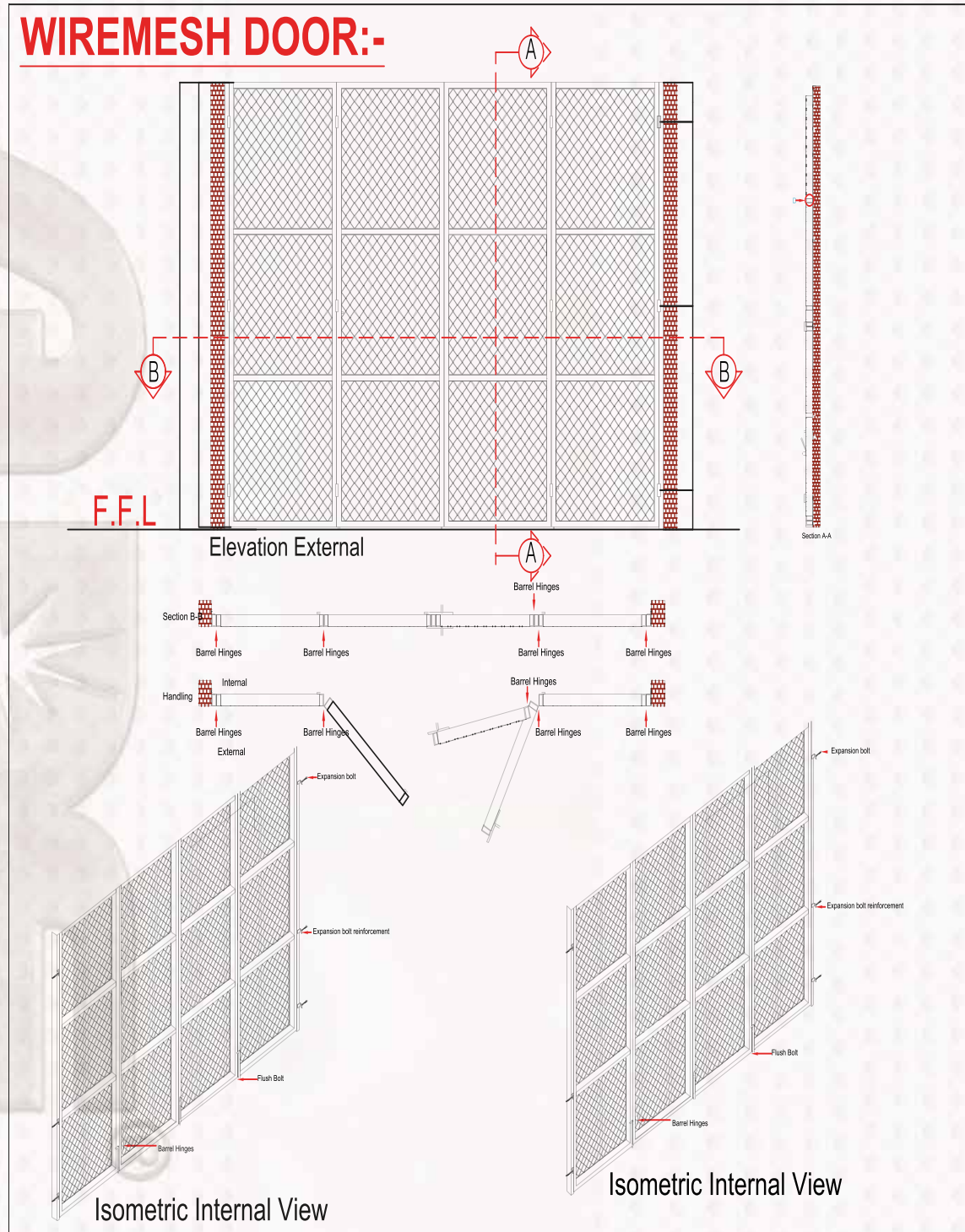




## BIG DOUBLE DOOR INSIDE SINGLE DOOR LEAF:-



## WIREMESH DOOR:-



## HANDING DIRECTION CHART

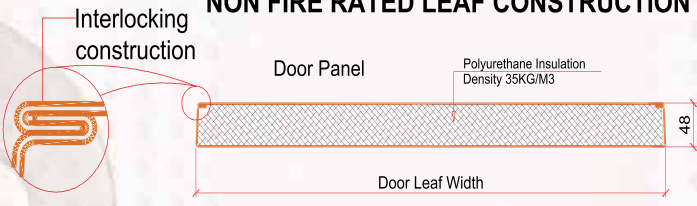
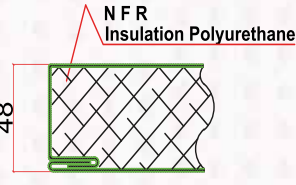
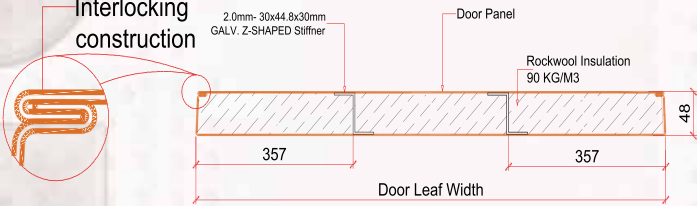
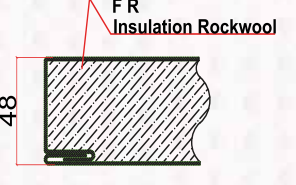
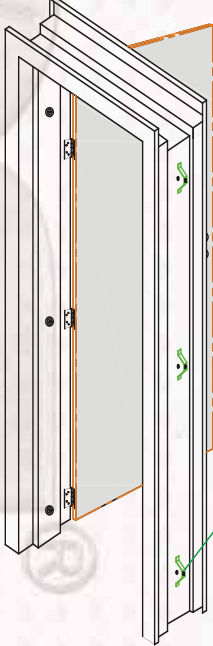
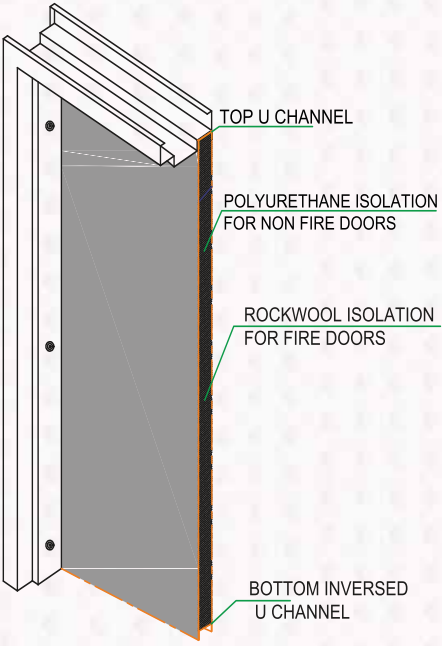
<p>LEFT HAND LH</p>	<p>RIGHT HAND RH</p>	<p>RIGHT HAND REVERSE ACTIVE RHRA</p>
<p>LEFT HAND REVERSE LHR</p>	<p>RIGHT HAND REVERSE RHR</p>	<p>LEFT HAND REVERSE ACTIVE LHRA</p>
<p>RIGHT HAND ACTIVE RHA</p>	<p>DOUBLE ACTIVE DDA</p>	
<p>LEFT HAND ACTIVE LHA</p>	<p>DOUBLE ACTIVE SDA</p>	

## HANDING DIRECTION CHART FOR HMDF WITH EXIT DEVICE ONLY

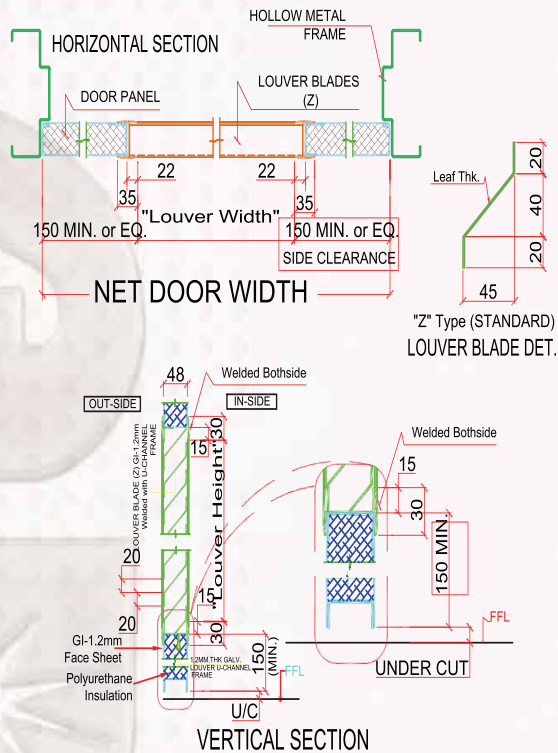
<p>EXIT DEVICE (PUSH BAR)</p> <p>INSIDE</p> <p>LEFT HAND REVERSE</p> <p>KEY</p> <p>OUTSIDE</p> <p><b>LHR</b></p>	<p>INSIDE</p> <p>EXIT DEVICE (PUSH BAR)</p> <p>OUTSIDE</p> <p>RIGHT HAND REVERSE</p> <p>KEY</p> <p><b>RHR</b></p>	<p>EXIT DEVICE (PUSH BAR)</p> <p>INSIDE</p> <p>DOUBLE EGREES</p> <p>ACTIVE</p> <p>KEY</p> <p>OUTSIDE</p> <p><b>LHR/RH</b> <b>DOUBLE EGREES</b></p>
<p>EXIT DEVICE (PUSH BAR)</p> <p>INSIDE</p> <p>LEFT HAND REVERSE</p> <p>ACTIVE</p> <p>KEY</p> <p>ASTRAGAL</p> <p>OUTSIDE</p> <p><b>LHRA</b></p>	<p>INSIDE</p> <p>DOUBLE EGREES</p> <p>ACTIVE</p> <p>KEY</p> <p>OUTSIDE</p> <p><b>RHR/LH</b> <b>DOUBLE EGREES</b></p>	
<p>INSIDE</p> <p>EXIT DEVICE (PUSH BAR)</p> <p>OUTSIDE</p> <p>RIGHT HAND REVERSE</p> <p>ACTIVE</p> <p>KEY</p> <p>ASTRAGAL</p> <p><b>RHRA</b></p>	<p>INSIDE</p> <p>EXIT DEVICE (PUSH BAR)</p> <p>OUTSIDE</p> <p>ACTIVE</p> <p>KEY</p> <p>EXIT DEVICE (PUSH BAR)</p> <p><b>LHRA</b> <b>W/ 2 EXIT DEVICE</b></p>	
<p>INSIDE</p> <p>OUTSIDE</p> <p>ACTIVE</p> <p>KEY</p> <p><b>RHRA</b> <b>W/ 2 EXIT DEVICE</b></p>		



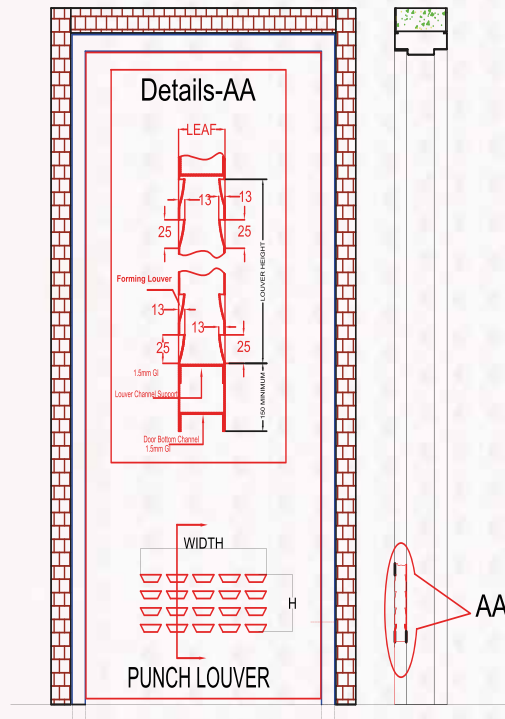
## FIRE & NON FIRE RATED LEAF TYPE.

<p><b>NON FIRE RATED LEAF CONSTRUCTION</b></p>  <p>Interlocking construction</p> <p>Door Panel</p> <p>Polyurethane Insulation Density 35KG/M3</p> <p>Door Leaf Width</p> <p>48</p>	<p><b>NFR-LEAF DETAILS:-</b></p>  <p>N F R Insulation Polyurethane</p> <p>N F R Door Detail POLYURETHANE Foam 35KG/M3</p>
<p><b>FIRE RATED LEAF CONSTRUCTION</b></p>  <p>Interlocking construction</p> <p>2.0mm- 30x44.8x30mm GALV. Z-SHAPED Stiffener</p> <p>Door Panel</p> <p>Rockwool Insulation 90 KG/M3</p> <p>357</p> <p>357</p> <p>Door Leaf Width</p> <p>48</p>	<p><b>FR-LEAF DETAILS:-</b></p>  <p>F R Insulation Rockwool</p> <p>F R Door Detail ROCKWOOL Density 90KG/M3</p>
 <p>"V" TYPE ANCHOR SUPPORT</p>	 <p>TOP U CHANNEL</p> <p>POLYURETHANE ISOLATION FOR NON FIRE DOORS</p> <p>ROCKWOOL ISOLATION FOR FIRE DOORS</p> <p>BOTTOM INVERSED U CHANNEL</p>

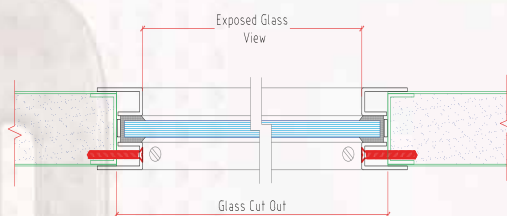
## BLADE LOUVER DETAIL ("Z" Type)



## PUNCH LOUVER DETAILS



## VISION PANEL DETAILS

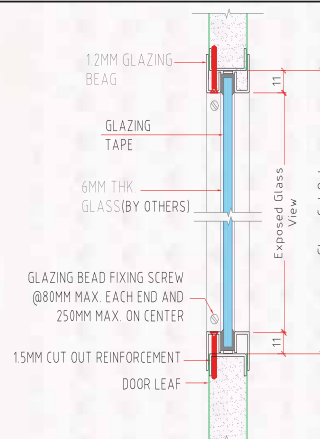


### HOR SECTION - VISION PANEL

SCALE

NTS

FOR NON FIRE RATED DOOR  
(ADF STD.)



### VER SECTION - VISION PANEL

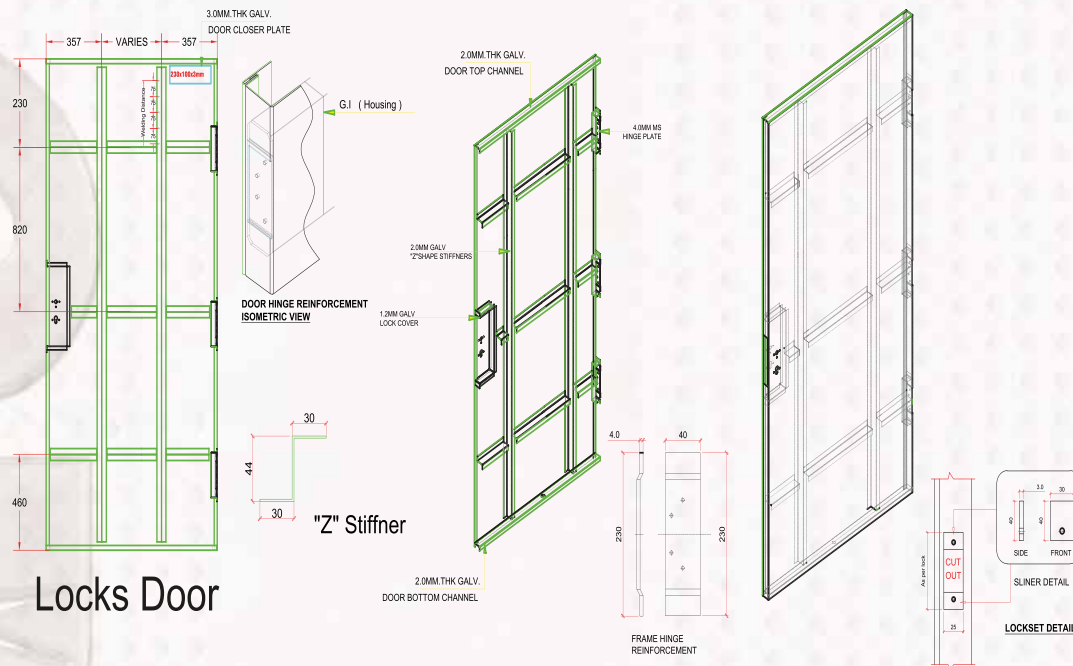
SCALE

NTS

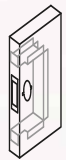
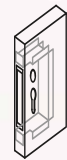

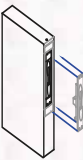

FOR NON FIRE RATED DOOR  
(ADF STD.)

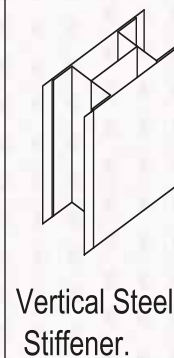
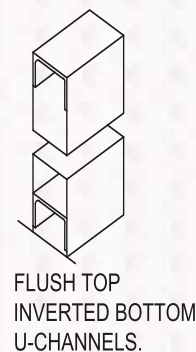
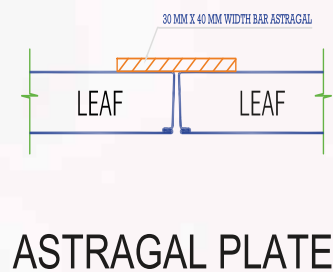
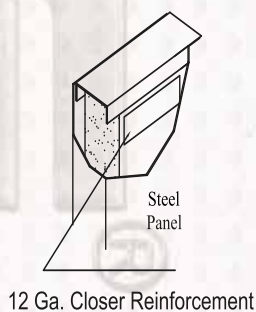
# FIRE RATED DOOR

Fire Rated Doors  
With Rockwool Insulation  
ROCKWOOL Density 90KG/M3



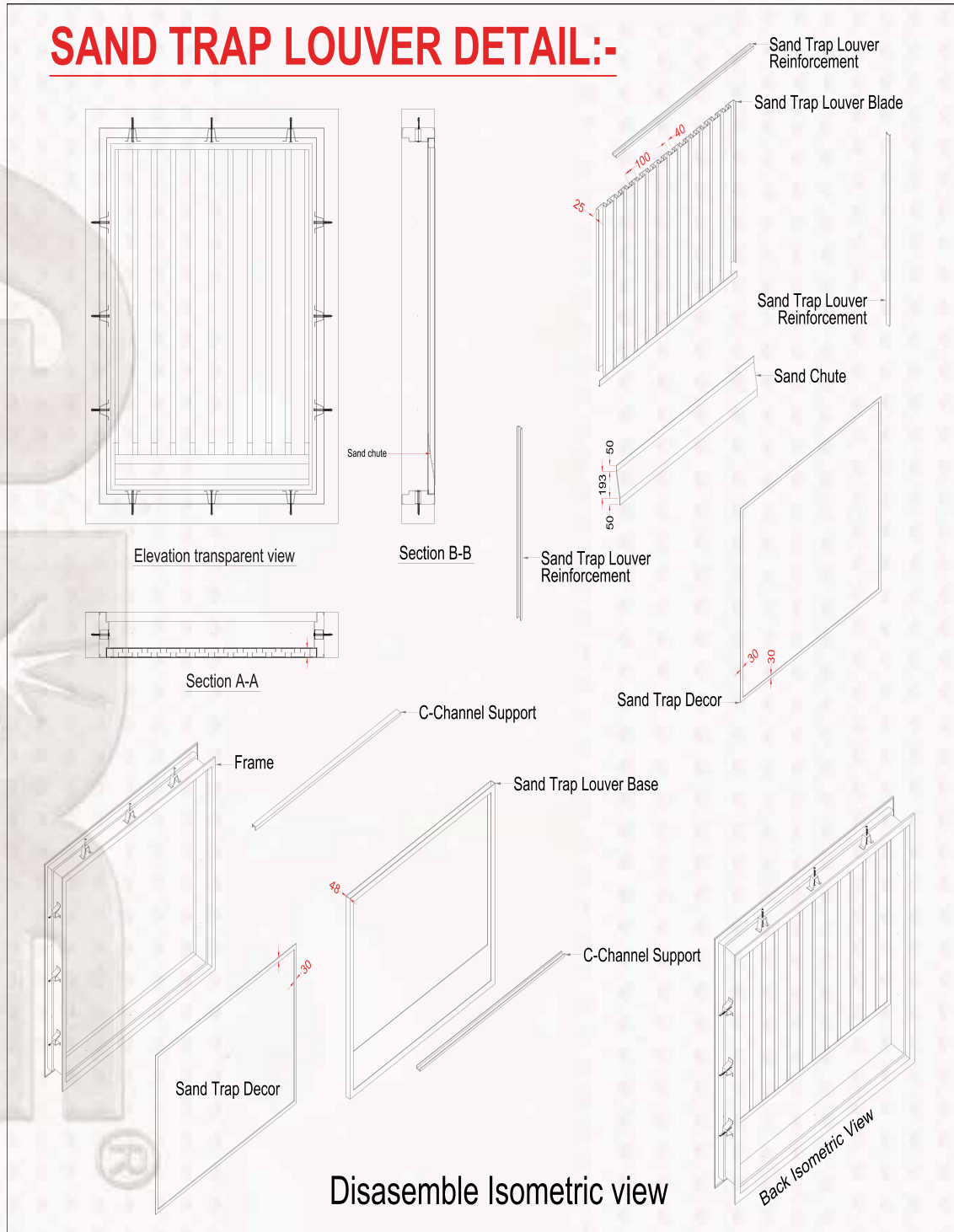
Locks Door

Name	Thickness	Material					
Top&Bottom Channel	2.0	GI					
Lock Cover	1.2	GI					
Hinge Cover	1.2	GI					
Z Stiffner	2.0	GI					
Hinge Plate	4.0	MS					
Door Closer Plate	3.0	GI					
			CYLINDRICAL LOCK PREPARATION	MORTISE LOCK PREPARATION	HINGE PREPARATION	FLUSH BOLT PREPARATION	LOCKSET DETAIL ISOMETRIC VIEW





## **SAND TRAP LOUVER DETAIL:-**



**SDI 106-99**

- Recommended Standard Door Type Nomenclature, This document contains standard door type nomenclature ranging from flush (Type F) to Dutch doors (Type D). The use of the standard nomenclature contained in the document will greatly simplify architectural drawing takeoff process and will do much to avoid confusion and errors which result from misinterpretation of these details.

**SDI 108-04**

- Recommended Selection Guide For Standard Steel Doors
- This document was developed to establish guide criteria for the selection and usage of standard steel doors in such building types as apartment, dormitory, hotel/motel, hospital/nursing home, industrial, office and school.

**SDI 109-04**

- Hardware For Standard Steel Doors And Frames
- This document contains a listing of hardware from various hardware manufacturers that is compatible for use on standard steel doors and frames. It covers various types of locks, exit devices, closers, holders, hinges, roller latches, flush bolts, and electric strikes.

**SDI 110-84 (R2000)**

- Standard Steel Doors And Frames For Modular Masonry Construction
- This document contains information in respect to, as the title indicates the installation of standard steel doors and frames in modular masonry construction. The basic module covered in the document as developed by the industry is 4".

**SDI 111-00**

- Recommended Selection and Usage Guide for Standard Steel Doors, Frames and Accessories (A through H)

**SDI 111-A**

- Recommended Standard Steel Door Frame Details
- Covers recommended steel door frame details as they are affected by common wall conditions.

**SDI 111-B**

- Recommended Standard Details For Dutch Doors
- Standard dimensions for Dutch doors.

**SDI 111-C**

- Recommended Louver Details For Standard Steel Doors
- This document discusses, explains and details a variety of louver designs and size available for standard steel doors.

#### **SDI 111-D**

- Recommended Door, Frame and Hardware Schedule for Standard Steel Doors and Frames Contains a suggested door, frame and hardware schedule form and defines "handing".

#### **SDI 111-E**

- Recommended Guidelines for the Use of Gasketing and Thresholds for Standard Steel Doors and Frames Contains details which represent the recommendations of the SDI in respect to weather-stripping of standard steel doors and frames.

#### **SDI 111-F**

- Recommended Existing Wall Anchors for Standard Steel Doors and Frames A guide for architects to aid them in recognizing available options to the traditional sub buck detail which has been widely used in the past It illustrates anchoring systems which are available in regular and labeled frames.

#### **SDI 111-G**

- Recommended Standard Preparation for Double Type (Inter-connected) Locks on Standard Steel Doors and Frames Dimensions for standard door and frame preparation for double type (interconnected) locks.

#### **SDI 111-H**

- High Frequency Hinge Preparations For Frames Specifications for steel frames used in extremely high frequency or
- High use areas which need to be supplied with additional reinforcing to eliminate potential door sag.

#### **SDI 112-97**

- Zinc-Coated (Galvanized/Gal annealed) Standard Steel Doors & Frames this document provides information regarding the galvanized sheet used in standard steel door & frame construction when a requirement for galvanized doors & frames is specified.

#### **SDI 113-01**

- Standard Practice for Determining the Steady State Thermal Transmittance of Steel Door and Frame Assemblies.
- This document establishes a minimum standard and a method of test for thermal effectiveness of steel door and frame assemblies under circumstances that might reasonably be considered normal field applications and conditions.

#### **SDI 117-00**

- Manufacturing Tolerances Standard Steel Doors and Frames.
- This document is intended to furnish users and prospective users of standard steel doors and frames with practical information regarding mortise and manufacturing tolerances for both doors and frames.



**SDI 118-02**

- Basic Fire Door Requirements
- This document contains rules and other information in a condense simplified manner in respect to code requirements for the design and use of fire doors.

**SDI 122-99**

- Installation and Troubleshooting Guide for Standard Steel Doors and Frames.
- This document covers field installation problems most commonly experienced with standard steel door and frame installations. Most problems encountered are because of inappropriate application of the products and/or improper installation.

**SDI 124-98**

- Maintenance of Standard Steel Doors and Frames.
- This document is intended to serve as a general outline of maintenance activities needed for hollow metal doors and frames.

**SDI 127 Series**  
*Industry Alerts (A through J)*

**SDI 127A-99**

- End Closure Location.
- Industry Alerts - End Closure.

**SDI 127B-99**

- Door Edge Cutouts.
- Industry Alerts - Door Edge Cutouts.

**SDI 127C-99**

- Frame Cutout Limits.
- Industry Alerts - Frame Cutout Limits.

**SDI 127D-99**

- Electric Strikes in Stud Walls.
- Industry Alerts - Electric Strikes in Stud Walls.

**SDI 127F-02**

- Butted Frames Rough Opening Sizes.
- Industry Alerts - Butted Frames Rough Opening Sizes.

**SDI 127G-02**

- Environmental Considerations Relating To Factory Painted Steel Doors And Frames Industry Alerts - Environmental Considerations Relating to Factory Painted Steel Doors and Frames.

**SDI 127H-02**

- Water Penetration.
- Industry Alerts - Water Penetration.

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**SDI 127I-04**

- Grouting Frames in Drywall.
- Industry Alerts - Grouting Frames in Drywall.

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**SDI 127J-04**

- Bituminous Back-Coating of Frames.
- Industry Alerts - Bituminous Back-Coating of Frames.

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**SDI 128-97**

- Guidelines for Acoustical Performance of Standard Steel Doors and Frames.
- This document shall provide guidelines for the specifying, designing, installing, and adjusting of standard steel doors and frames in Sound Control applications.

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**SDI 129-04**

- Hinge And Strike Spacing
- A reference of standard locations used in the manufacture of steel door and frames by SDI member companies for a variety of door sizes.

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**SDI 130-05**

- Electronic Hinge Preparations
- Practical information regarding an acceptable method for preparing frames for 4-1/2" electric hinges. This document will allow frame manufacturers to provide frames prior to having knowledge of the specific electric hinge being used.

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**SDI 131-04**

- Accelerated Physical Endurance Test Procedure for Steel Doors, Frames and Frame Anchors
- This test procedure provides manufacturers with a method of quickly testing the performance of doors.
- Drywall Slip-On Frames This document illustrates step by step how to install drywall frames in less than 10 minutes. It also lists the many advantages of drywall slip-on frames.

# Contacts

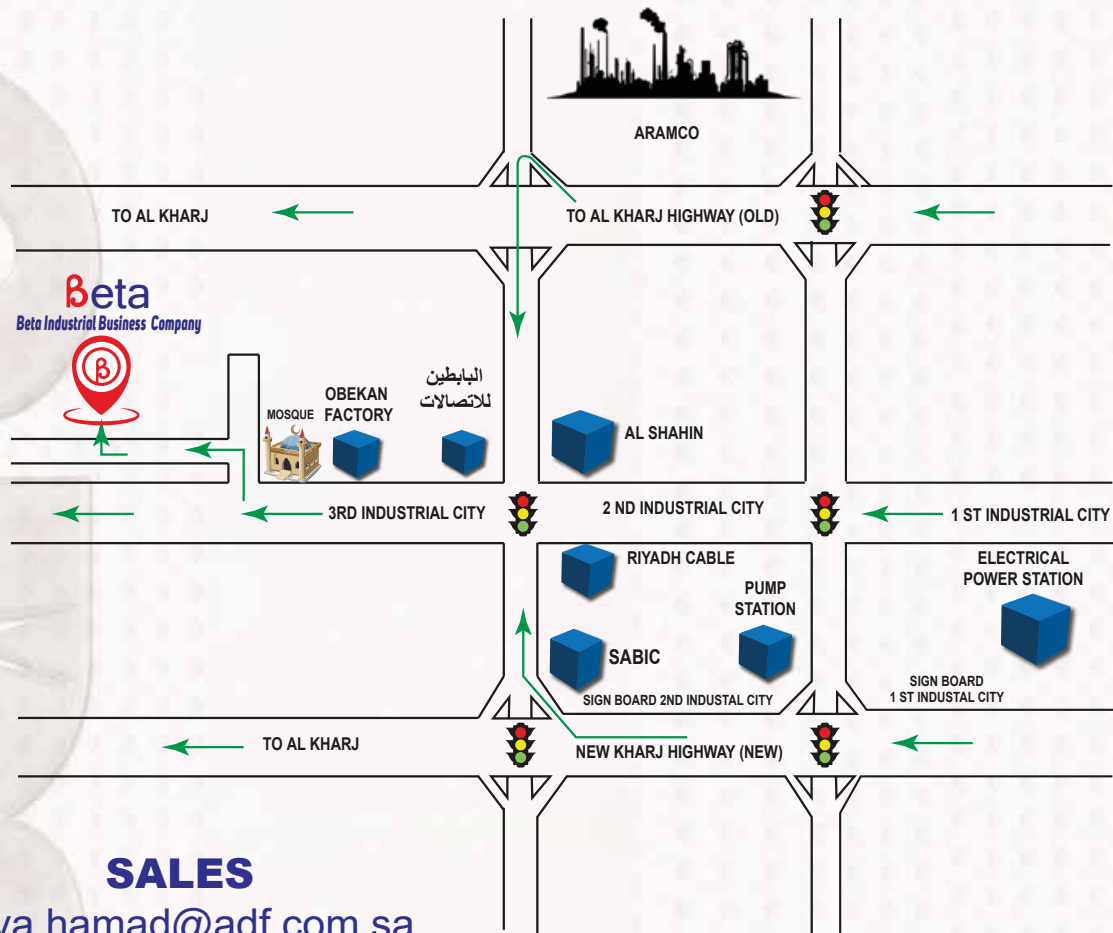


**Beta**

*Beta Industrial Business Company*



## CONTACT US (OUR LOCATION)



### SALES

deya.hamad@adf.com.sa  
+966542323770

Kingdom of Saudi Arabia, Riyadh  
P.O.Box 355671, Riyadh 11383  
Second Industrial Area  
Tel : +966 11 265 4551  
Email : info@adf.com.sa  
Fax : +966 11 265 4550  
Website : www.adf.com.sa



Fire Rated Doors  
Hollow Metal Doors & Frames  
Architectural Door Hardware CE|EN|ANSI|UL|Certifire  
Steel & Stainless Steel Products

**Beta**  
**Industrial Business Company**

Kingdom of Saudi Arabia, Riyadh  
P.O.Box 355671, Riyadh 11383  
Second Industrial Area  
Tel : +966 11 265 4551  
Fax : +966 11 265 4550  
Email : [info@adf.com.sa](mailto:info@adf.com.sa)  
Website : [www.adf.com.sa](http://www.adf.com.sa)

**SALES**

[deya.hamad@adf.com.sa](mailto:deya.hamad@adf.com.sa)  
+966542323770