

Steel Doors & Hardware

Technical & Specification Profile



Introduction



Our Goal

Deliver Quality – Competitive Cost

By Working Faster, Simpler, and Together all-over Middle East



Our Vision

To be always the costumers first choice at middle east region for industrial products and metal solutions of outstanding quality and great services



Fire Rated Steel Doors



Main Features

- Up to 180 mins Fire Resistance Rating Range
- Leaf & Frame manufactured of GI Steel
- ANSI/UL Tested & Certified / Labeled
- BSEN Tested & Certified / Labeled
- Installation & Supervision



Main Certifications

Certification	Standard	Product Description	No. of Shutters	Shutter Thickness	Door Core	Fire Rating
UL	UL 10C	Single Swing Fire Steel Door	Single	46	Rockwool	180 Min
UL	UL 10C	Double Swing Fire Steel Doors	Double	46	Rockwool	180 Min
UL	UL 10C	Single Swing Fire Steel Door	Single	46	Honeycomb	120 Min
UL	UL 10C	Double Swing Fire Steel Doors	Double	46	Honeycomb	120 Min
Exova/ BM Trada	BS 476	Single Swing Fire Steel Door	Single	46	Rockwool	90 Min
Exova/ BM Trada	BS 476	Double Swing Fire Steel Doors	Double	46	Rockwool	90 Min
Exova/ BM Trada	BS 476	Single Swing Fire Steel Door	Single	46	Honeycomb	120 Min
Exova/ BM Trada	BS 476	Double Swing Fire Steel Doors	Double	46	Honeycomb	120 Min

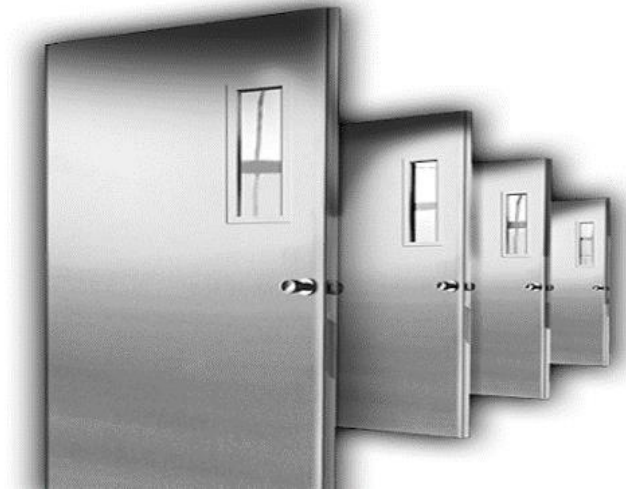


Acoustic Steel Doors



Main Features

- Noise reduction up to 50db and fire rating 120 Min
- Double / Single Shutter applications
- Adhere to fire safety regulations
- Long term durability



Main Certifications

Certification	Standard	Frame Size	No. of Shutters	Shutter Thickness	Door Core	Fire Rating
Intertek	ASTM E90	914 X 2133	Single	45	Honeycomb	STC35
Intertek	ASTM E90	914 X 2133	Single	45	Rockwool	STC40
Kilargo	ASTM 413	1000 X 2200	Single	56	Rockwool	STC50
Kilargo	ASTM 413	1000 X 2200	Single	56	Rockwool	STC50

High End Steel Doors



Security & Prison Steel Doors

Main Features

- Available in variety of profile types, sizes and hardware preparation
- Wide options of colors and equipment variants
- For maximum security application
- Blast, Bullet and Impact resistant
- Manufactured in standard sizes or bespoke units
- Highly durable and well-resistant to corrosion



Lead Line Steel Doors

Main Features

- Manufactured of lead sheets integrated into doors and frames for strength and vandal resistance
- Continuously welded, seamless door edge and lead lined frame



High End Steel Doors



Fully Louvered Steel Doors

Main Features

- Support Airflow and temperature average in rooms
- Applications of Electrical and Generators Rooms
- Full Welded Louvers and hardware preparation



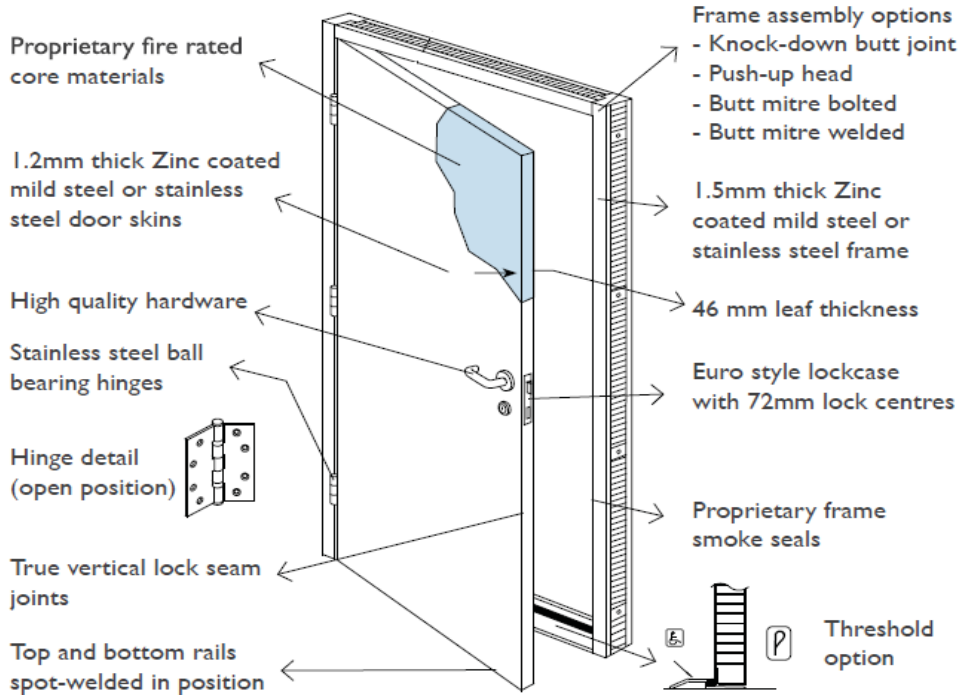
Fully Glazed Steel Doors

Main Features

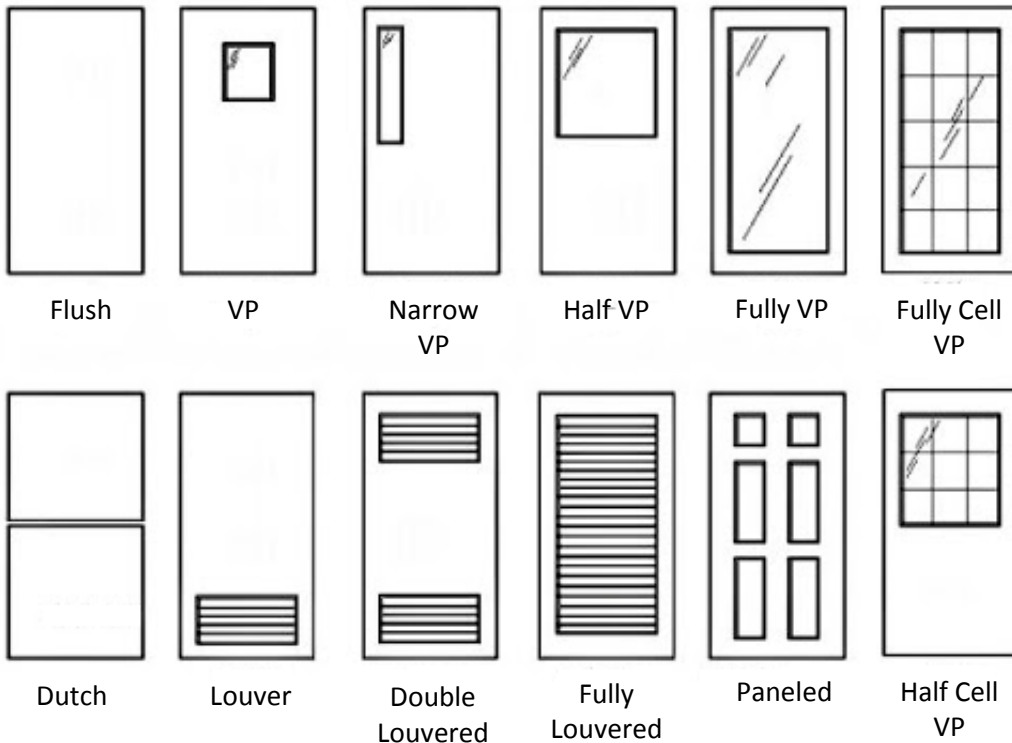
- GI Steel Manufactured with high end glazing systems
- Manufactured with full framing and fixed panels
- All Hardware applications and preparations
- Acoustical and Thermal Applications

Standard Specification

Structure Standard Details

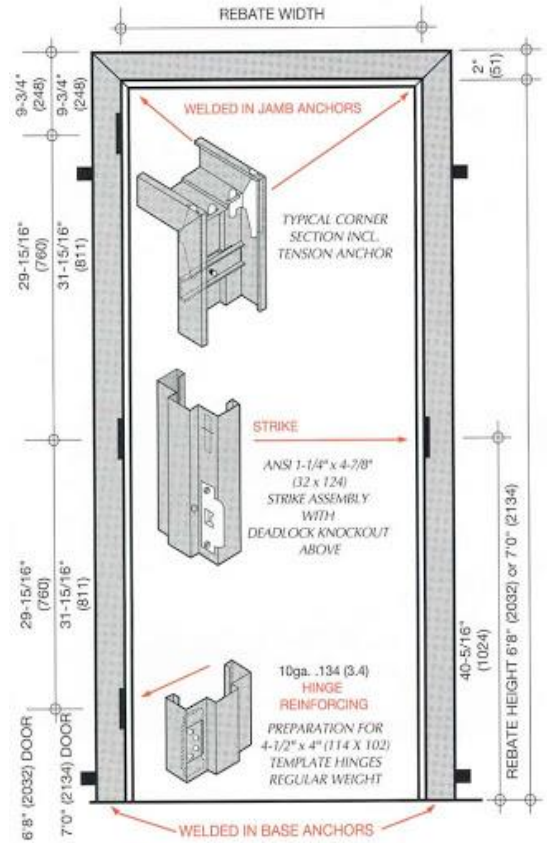
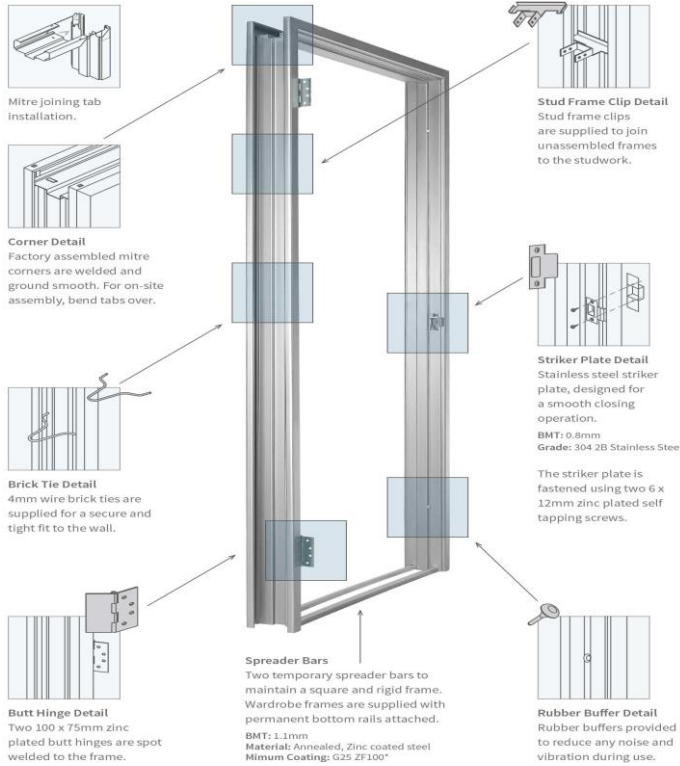


Door Types & Elevations

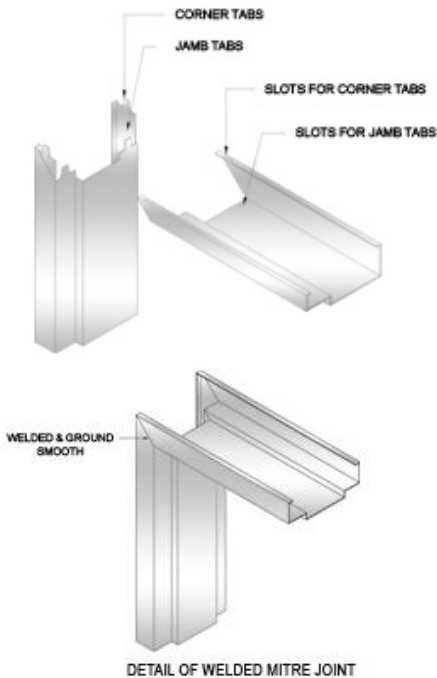


Standard Specification

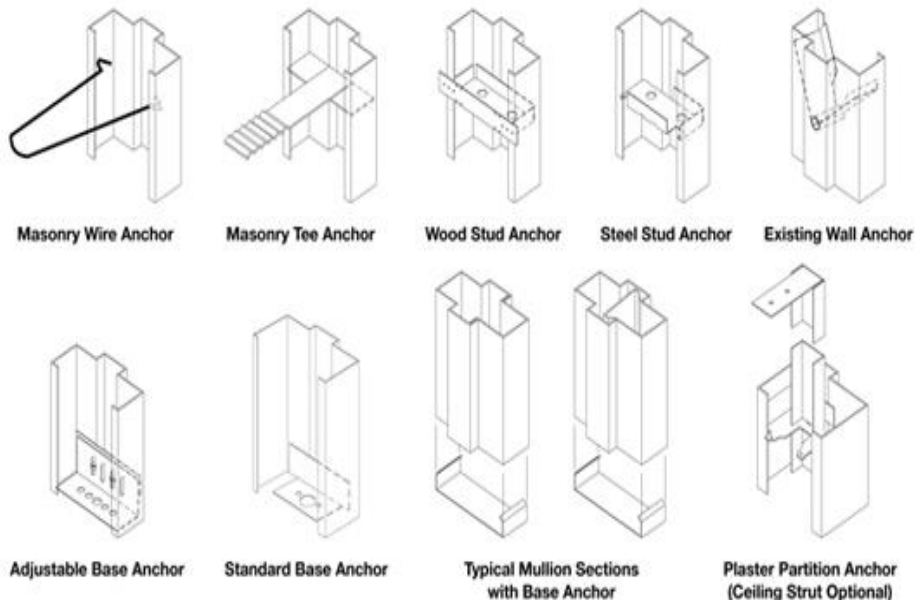
Standard Frame Details



Standard Frame Types



Frames Installation Types



Hardware Options



A range of European and American standard hardware full solutions are available at GATES opening solutions that fit to your building applications including mechanical hardware and access controls

We offer wide range of ironmongery including cylinders, handles, locks, and panic devices

With our solutions, your building is with safe hands under all international standards of openings, security, green buildings, and fire resistance

Electrical hardware and access control solutions are part of our passion to deliver the highest level of security into your opening solutions

Team of designers and consultants are ready to support your ideas and designs with the most relevant solutions and hardware sets in parallel with the latest technology and handles designs



Hardware Options



Lever Handles



Hinges



Cylinders



Pull Handle



Mortise Locks



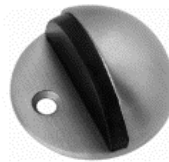
Floor Springs



Door Closers



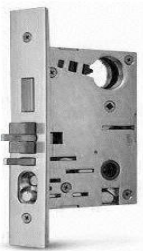
Door Stops



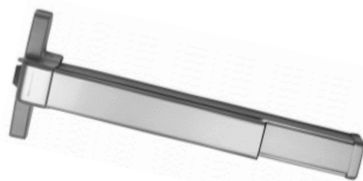
Magnetic Locks



ANSI Locks



Panic Device





مدخل

Opening Solutions

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