

Metal Editions

High performance Heavy duty Metal Doors for Industrial and Commercial Application



Product Range

Fire Rated Doors Non Fire Rated Doors Sound Resistant Doors Security Doors

X-Ray Resistant Doors Air Tight Doors Sliding Doors Air Craft Hanger Doors

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Metal Editions

STEEL DOORS AND FRAMES

Introduction

Metal Editions provide rugged, long lasting heavy duty and durable doors which offer great endurance through time. The doors provided by Metal Editions are manufactured abroad under a very strict quality control to ensure the right thickness of steel gauge used in the outer frames shutters, hardware, joineries, fasteners and further the finish as per the European standards.

These steel doors are very easy to maintain and ensure virtually trouble free operation for many years. Steel doors with frame can always be an ideal solution to any degree of security.

To meet the varied needs of the construction industry, Metal Editions supply a wide range of steel doors and frames for interior and exterior use. The doors of Metal Editions are the most reliable doors manufactured, using the highest quality materials and manufacturing techniques in many sizes, gauge and designs to meet the needs of architects, owners and contractors.

**Tested in accordance with Warrington
Bs 476 part 22:1987**

HONEYCOMB CORE DOORS

Honey comb door has a paper honeycomb core. The core is permanently bonded to the door skins strengthening the structural integrity of the door, enhancing long term performance and durability, while significantly reducing the weight.

HONENYCOMB ADVANTAGES ARE:

- High strength to weight ratio.
- Uniform crushing strength.
- High shear strength.
- Excellent impact resistance.

Honeycomb is durable, can be treated to resist decay and also provides sound deadening with door to form hundreds of small I-beams with the doors, with a uniform thickness and flat surface that makes it easy to add light, louvers or other features. It reinforces the full width and height of the door. Door edge mechanically interlocked to the full height of the door. Top and bottom channels provide stability and protection.

**Tested in accordance with Warrington
Bs 476 part 22:1987**

SPECIFICATIONS:

Door Thickness:	44mm
Finish:	Factory primed and powder coating
Steel Sheet Thickness:	1.2mm for leaf, 1.5mm for frame
Core:	Honeycomb Core
Astragal:	On one leaf of double doors
Top/Bottom Channels:	Inverted or flush U-Channel
Fire Rating:	2 hours Flush Door or with vision panel



Metal Editions

STEEL STIFFED CORE DOORS

Stiffed door has vertical steel-stiffeners throughout the height of the door. The stiffeners can be of z-section, u-channel, offset-channel or hat-sections welded to each skin of the door. Steel-stiffened core is the most reliable and durable construction.

Steel stiffened doors are used for exterior use, where rigidity is important. They are available in various degrees of strength and quality. Door edge mechanically interlocked to the full height of the door. Top and bottom channels provide stability and protection.

**Tested in accordance with Warrington
Bs 476 part 22:1987**

SPECIFICATIONS:

Door Thickness: 44mm
Finish: Factory primed and powder coating
Steel Sheet Thickness: 1.2mm for leaf, 1.5mm for frame
Core: Rock wall
Astragal: On one leaf of double doors
Top/Bottom Channels: Inverted or flush U-Channel
Fire Rating: 2 hours Flush Door or with vision panel



STAINLESS STEEL DOORS

Stainless Steel door is one of the most prestigious doors which symbolize class and elegant combined with the best quality of materials and excellent performance. With its futuristic and contemporary designs, it is the ideal door to be used for high specifications architectural environments such as health care, chemical plants, sanitation, water treatment and also airports, hotels and hospitals. Stainless steel door is designed for excellent service life and corrosion resistance in moderate to serve the environment.

**Tested in accordance with Warrington
Bs 476 part 22:1987**

SPECIFICATIONS:

Door Thickness: 44mm
Finish: Factory primed and powder coating
Steel Sheet Thickness: 1.2mm for leaf, 1.5mm for frame
Core: Honeycomb Core
Astragal: On one leaf of double doors
Top/Bottom Channels: Inverted or flush U-Channel
Fire Rating: 2 hours Flush Door or with visionpanel



Metal Editions

BREAKS

Fire and Smoke Path



The door designs of Metal Editions are based on SDI and NFPA technological data to ensure improvised safety for the public benefit.

Metal Editions fire rated doors are produced with the toughest UL and SDI standards to prevent any spread of smoke fire breakup.

Metal Editions

The external side of the door sets, after 120 minutes (2Hours) of Fire testing.



The Fire Exposed side of the door sets, after fire testing.

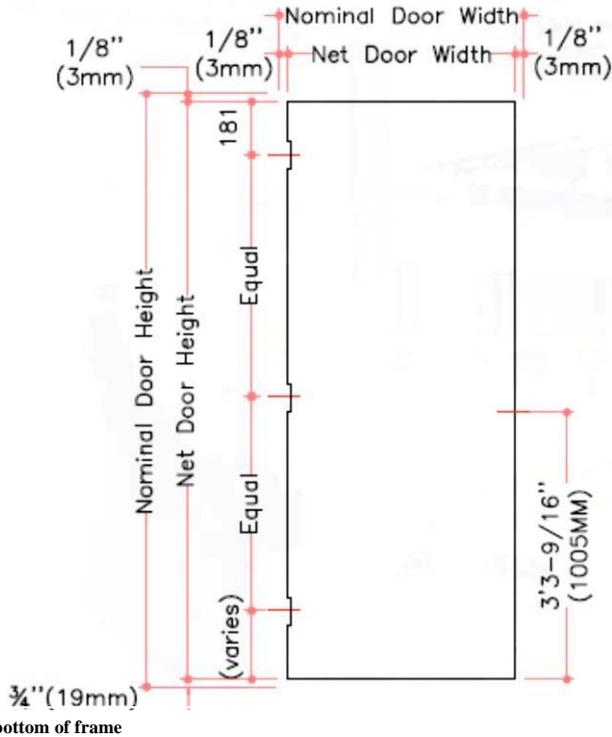


Images of tests shown above were tested in the Principle`s Private lab for pre-assessment and pre-qualification.

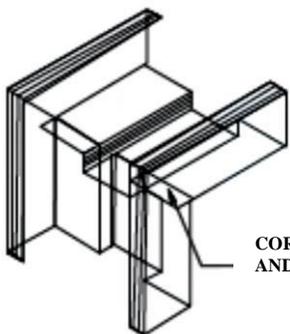
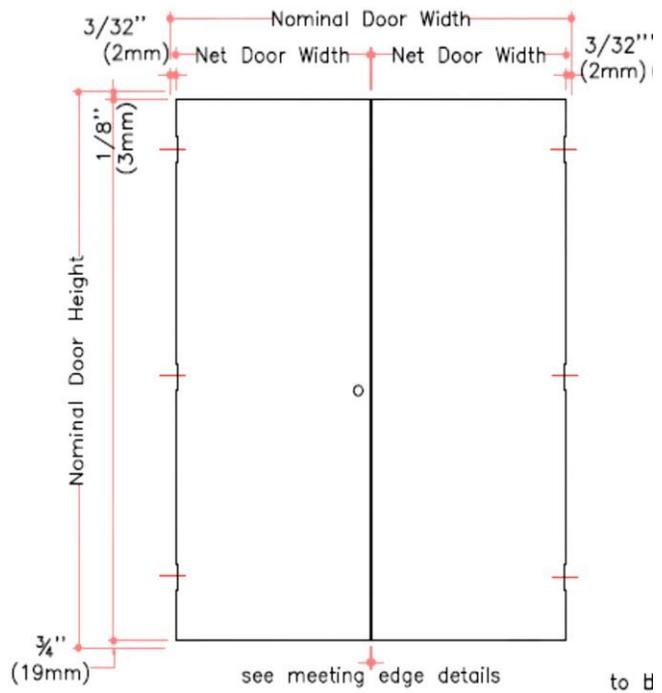
Metal Editions

STEEL DOOR FRAME ELEVATION

SINGLE DOOR

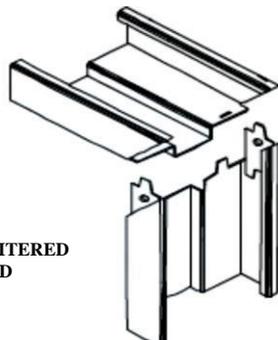


DOUBLE DOOR

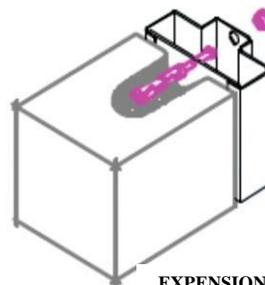


CORNER WELDED FRAME

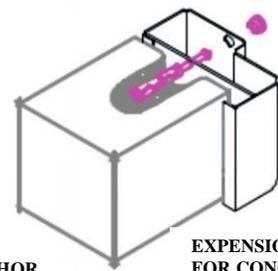
CORNERS MITERED AND WELDED



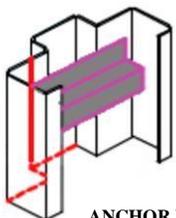
KNOCK DOWN FRAME



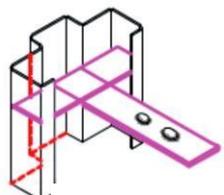
EXPANSION ANCHOR FOR CONCRETE AND MANSIONRY WALL



EXPANSION ANCHOR FOR CONCRETE AND MANSIONRY WALL



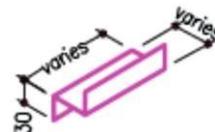
ANCHOR FOR MASONRY WALL



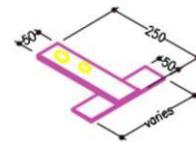
Z-ANCHOR FOR DRY WALL



FLOOR ANCHOR



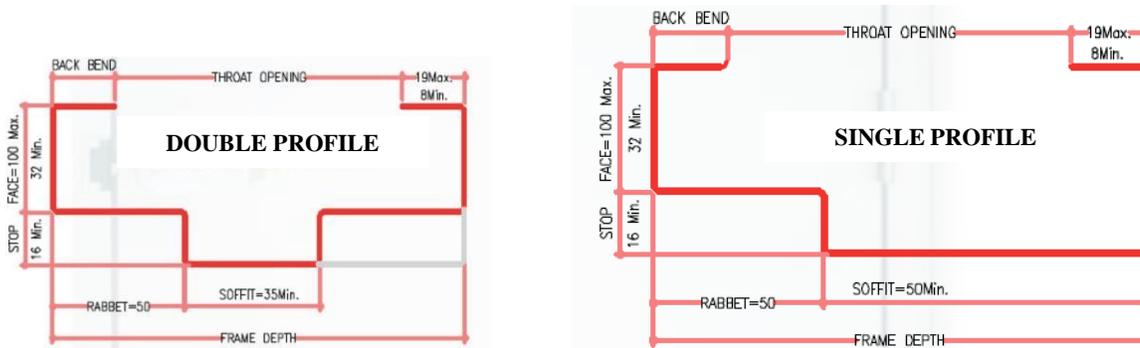
Z-ANCHOR



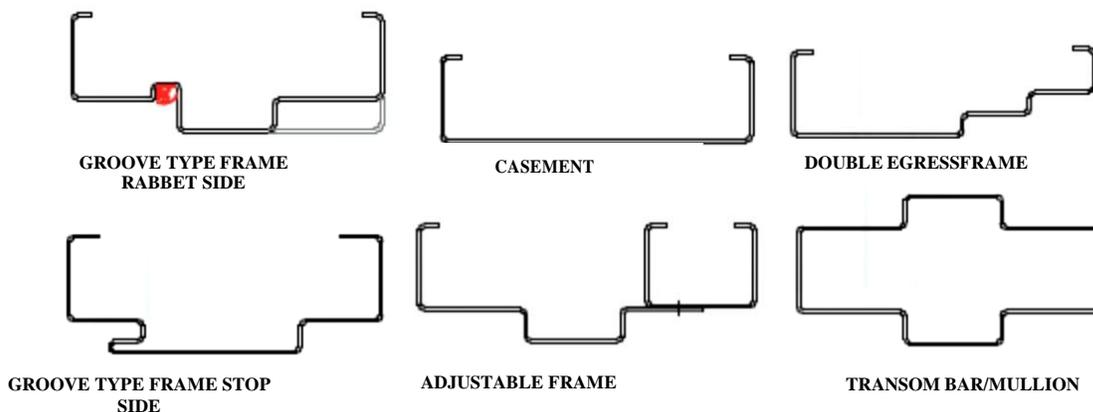
T-ANCHOR

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TYPICAL PROFILE DETAIL

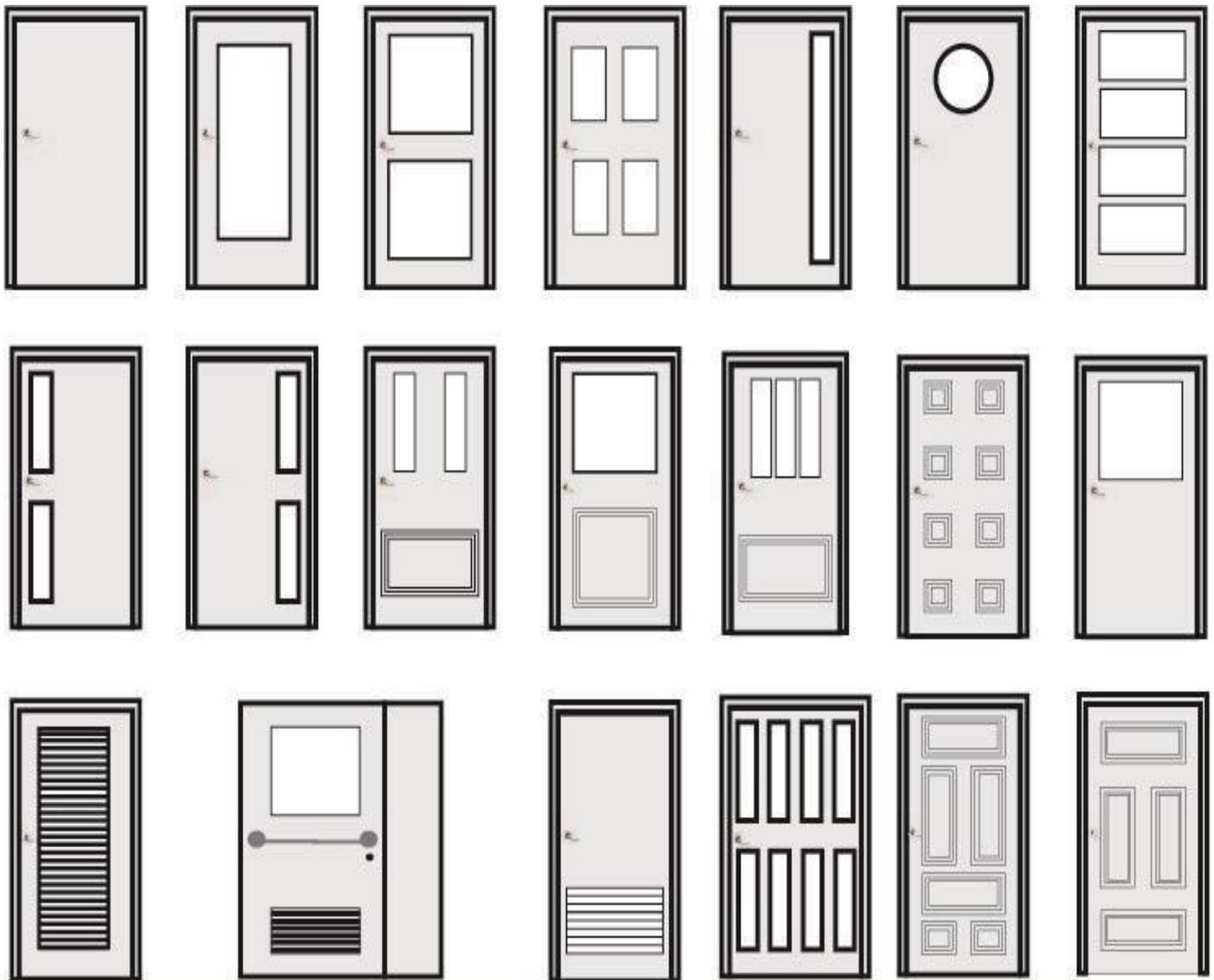


Labeled frames shell fabricated from cold rolled or galvanized steel sheet. Bends shall be brake formed to assure true, sharp radius and to minimize camber. Labeled Masonry and Dry wall frames can be supplied either knockdown or welded. Transom framed shall be supplied welded only. Standard hardware preparations for labeled fire door. Frames for 44mm thick doors, Max. 3hours. Fire label provided.



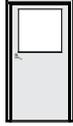
Metal Editions

Designs of fire Rated, Embossed And Clean Room Doors



Metal Editions

STANDARD DOOR LEVELS AND APPLICATION

Building Types	Standard Steel Door Levels				Door Design Nomenclature					
	Level 1 Standard Duty	Level 2 Heavy duty	Level 3 Extra Heavy Duty	Level 4 Maximum Duty	 F	 G	 V	 FG	 N	 L
Apartment										
Main Entrance		•	•		•	•		•	•	
Unit Entrance	•	•	•		•					
Bedroom	•				•					
Bathroom	•				•					•
Closet	•				•					•
Stairwell		•	•				•		•	
Dormitory										
Main Entrance		•	•	•		•		•	•	
Unit Entrance	•	•	•		•					
Bedroom	•	•			•					
Bathroom	•	•			•					•
Closet	•	•			•					•
Stairwell		•	•				•		•	
Hotel - Motel										
Unit Entrance	•	•			•					
Bathroom	•				•					
Closet	•				•					•
Stairwell		•	•				•		•	
Storage & Utility		•	•		•					•
Hospital - Nursing Home										
Main Entrance			•			•		•	•	
Patient Room		•			•		•			
Stairwell		•	•						•	
Operation & Exam		•	•		•					
Bathroom		•	•		•					•
Closet	•	•			•					•
Recreation		•			•		•			
Kitchen		•	•				•			
Industrial										
Main Entrance			•	•		•		•	•	
Office	•	•			•	•				
Production			•			•				
Toilet			•		•					•
Tool			•	•	•					
Trucking			•	•		•				
Monorail			•	•	•	•				
Office										
Entrance			•			•		•	•	
Individual Office	•				•	•				
Closet	•				•					•
Toilet		•	•		•					
Stairwell		•	•				•		•	
Equipment		•	•		•					
Boiler		•	•		•					•

Metal Editions

S. No	Products
1	Steel Doors Non Fire Rated
2	Steel Doors Fire Rated
3	Sound Proof(Acoustic) Doors
4	Bullet Proof Doors
5	X-ray Proof Doors
6	Gas Tight Doors (Air Tight)
7	Transom and Sidelight Frames
8	Embossed Steel Doors and Frames
9	Dutch Doors
10	Access Doors
11	Stainless Steel Doors and Frames
12	Folding Doors

SPECIAL USAGE DOORS

S. No	Products
1	Security Doors and Frames
2	Sliding Doors
3	Sliding Gates
4	Oversize (Panelized Doors) with Pass Doors
5	Fire Rated Sliding Doors
6	Hanger Doors
7	Fiberglass Doors and Frames (Corrosion Resistance Doors)