



MCMASON

INTRODUCTION TO MCMASON

Our management team has over 60 years of combined industry experience and knowledge, dedicated to supply professionals from construction industry worldwide with top-quality doors. Over these years, we continuously invest in R&D, production line and management, strictly abide by international standards in every process from raw materials control to packaging.

Leveraging our years of unrivaled expertise, combined with new innovative engineering, we are able to provide solutions for customers to meet any need. The breadth and scope of services combined with the highest level of integrity are what place McMason miles ahead of the competition in this Industry.

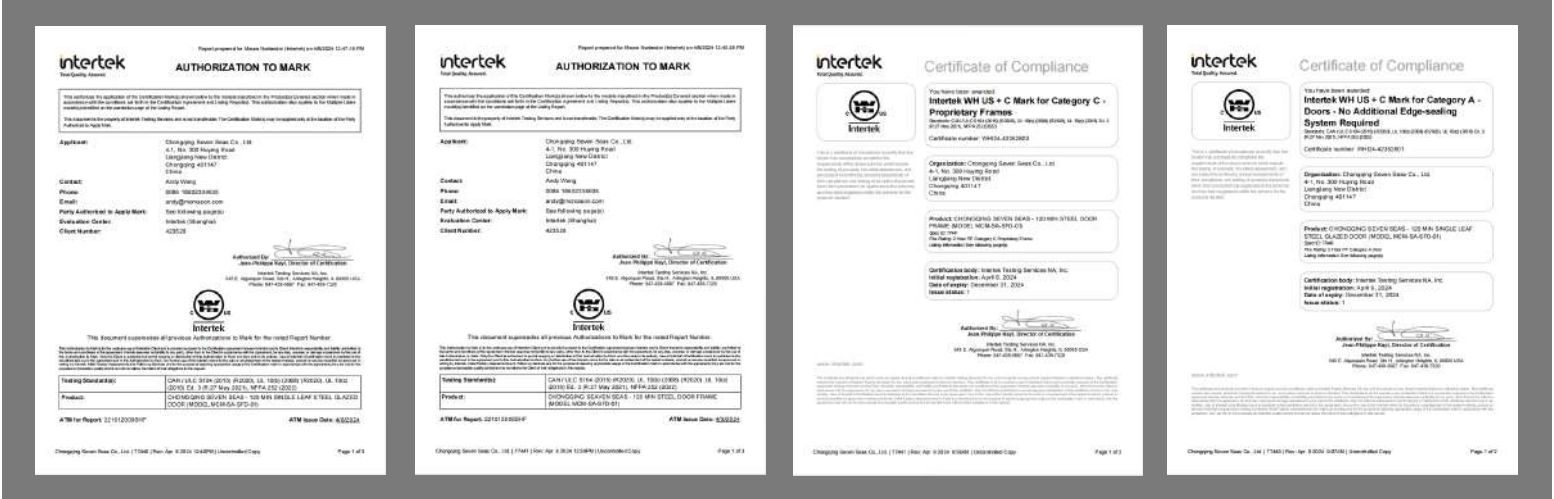
12000+sqm
Production Facilities

100+
Manpower

50000+
Annual Door Capacity

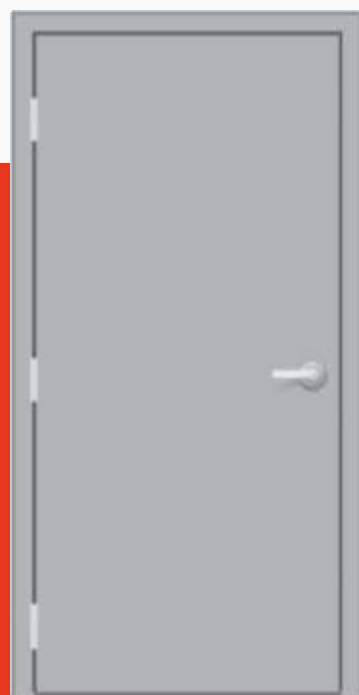
80%
Automated Production

1000+sqm
Business Development &
Customer Support Centre



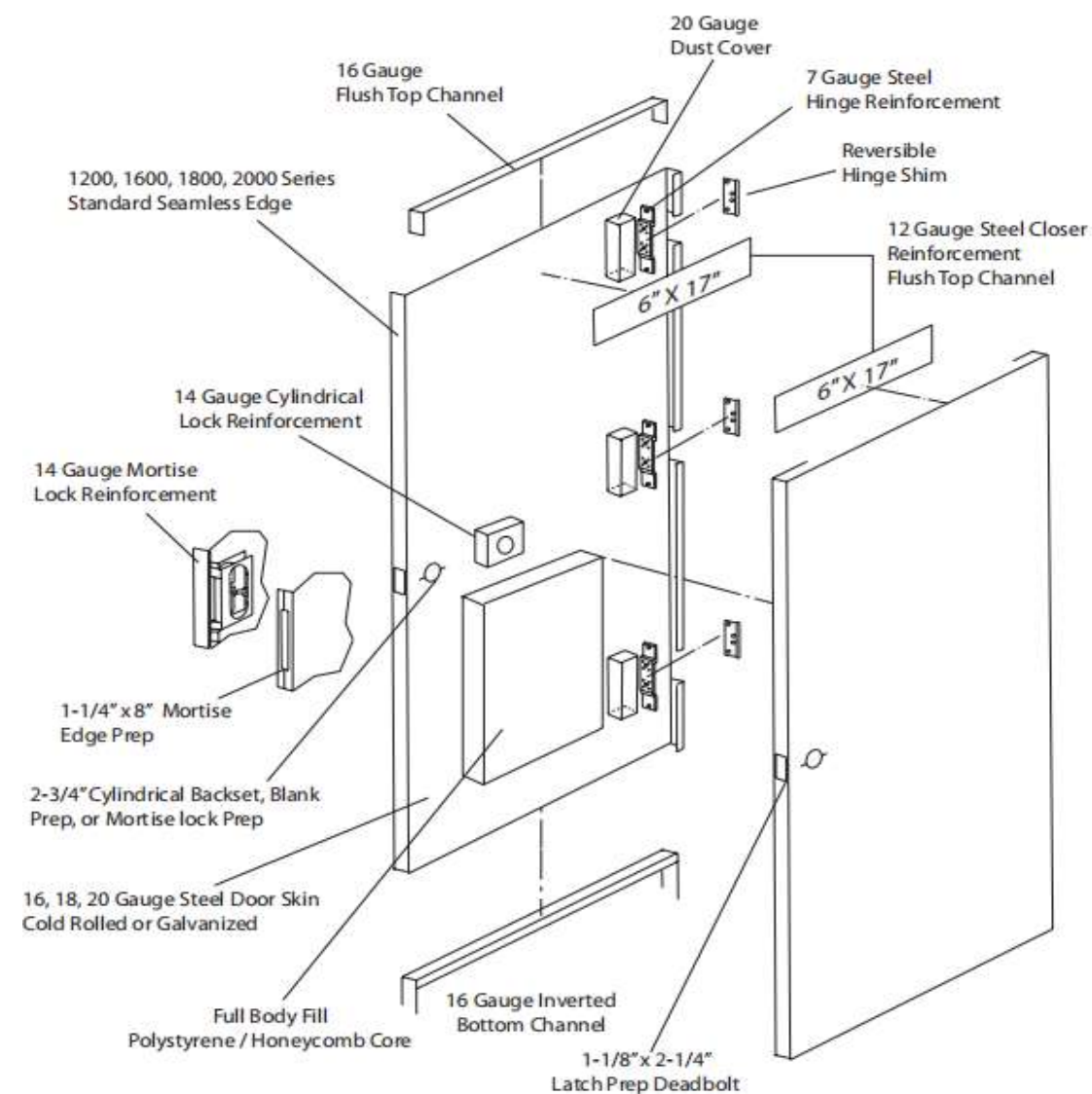
STANDARD STEEL FIRE RATED DOOR

Fire doors are a crucial part of a building's passive fire protection system. They are a legal requirement in flats when the door opens into a communal area that is shared with other tenants.



Main Specs

- 16, 18, 20 gauge flush, 6 panel, 2 panel and single panel doors
- Seamless door edge
- Reversible
- 2 hour WHI fire, Positive Pressure, and Smoke label
- Cold rolled or galvanized steel
- Prime painted with baked on two stage epoxy resin
- 7 gauge universal hinge reinforcements
- 12 gauge closer reinforcement
- 16 gauge flush sealed top channel / inverted bottom channel
- Closed hinge cavity
- High density full body polystyrene or honeycomb core
- Blank edge door includes rim exit device reinforcement
- Individual protective packaging



Applications

- *Warehouses
- *Basement
- *Offices
- *Schools
- *Maintenance facilities
- *Hospitals
- *Residential units
- *Shopping centres

Fire Ratings



STANDARD FRAME

Mostly used in masonry conditions

Face welded or continuously welded frame assembly.
Solid three-sided frame application.

Available knock-down (KD), but compression anchor must be specified by customer if needed.

Available for drywall, but we recommend using the DR series.

FIRE RATINGS

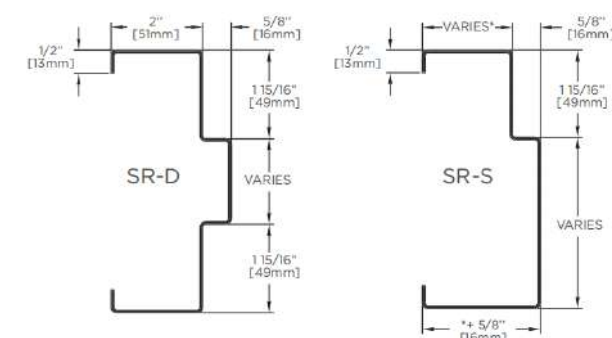
Up to 2-hour (ITS/WHI) fire label

STANDARD FEATURES

A40 galvanized steel
16-gauge steel

OPTIONS

A60 and G90 material
18-, 14- and 12-gauge
Primer for A40 and A60



Standard Frame Anchors

Standard anchors are designed for use in almost any job conditions. Custom anchors available.



"T" masonry anchor (TMA) shipped loose. Includes floor anchors



Wire masonry anchor (WMA), shipped loose. Includes Floor anchors



Existing wall anchor (EWA) with reinforcement, welded.



Steel stud "Z" bracket stud anchor (ZBA), welded. Includes Floor anchors



Wood stud anchor (DCA), welded. Includes Floor anchors



Multi-purpose wood or steel stud anchor (SWS), 2-piece, shipped loose. Includes Floor anchors

Standard Frame Hardware Reinforcements



ANSI 4-7/8" strike reinforcement (16-gauge*).



Standard (0.134") or heavyweight (0.180") hinge reinforcement (7-gauge).



Regular arm closer reinforcement (12-gauge).



Parallel arm closer reinforcement (12-gauge).

*12-gauge equivalent, as per ANSI A250.6 section 1.3.1 on equivalent treads rendered in a lighter gauge with pierced and dimpled hole.

DRYWALL FRAME

Designed to be installed after the walls up (slip-on 3-piece frame).

Three-sided frame for drywall applications. KD assembly.

Compression anchor (leveling screw) at the top of each jamb for plumbness and level
Frame face prepared for no 6 drywall screw (standard) (SBA).

Drywall strap anchors (optional) (DSA).



Screw base anchor



Drywall strap anchor (DSA).



Knock-down (KD) assembly with tabs and compression anchor.



Knock-down (KDS) assembly with screws and compression anchor.

FIRE RATINGS

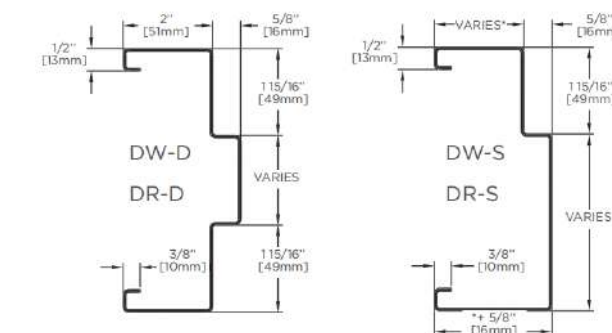
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STANDARD STEEL SECURITY DOOR



Main Specs

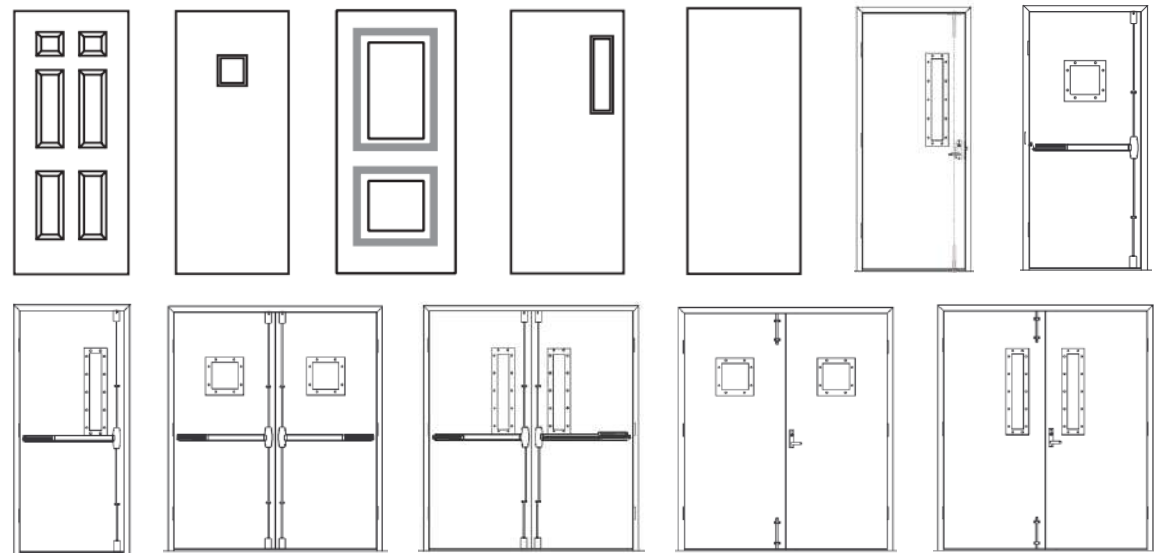
Door skin: 1.0mm thick galvanized steel
Door thickness: 45mm thick
Door core: Polyurethane foam
Door frame: 2.0mm thick galvanized steel
Hinges: 304 grade stainless steel ball bearing hinges
Locking system: 10-point locking system
Key system: Euro profile cylinder with unique ABC key system
Threshold: Disability Discrimination Act specifies a level threshold with a maximum upstand of 15mm with chamfered edges



STD-S3

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DOOR STYLE



SFD-S2



SFD-S3



SFD-S4



SFD-D5



SFD-S1



SFD-S5



STD-S4



STD-S2



STD-S5



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STANDARD WOODEN FIRE RATED DOOR

Fire doors are a crucial part of a building's passive fire protection system. They are a legal requirement in flats when the door opens into a communal area that is shared with other tenants.



Main Specs

Door thickness is 45mm(1-3/4")

Solid wood Jamb(FD60) and Metal Jamb(FD120) available

Flush design

Pre-hung and Knock down jamb available

Accredited under WH Certification

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A **DOOR CLOSER** is required for all fire door applications. The closer ensures the door is always closed to maintain the fire integrity.

VISION PANEL options are subject to fire rating and glass type. Doorsets can be provided in a range of designs, depending on the doorsets fire rating.

Locks on doors should be easily openable from the inside with a thumb-turn lock or similar and **LOCKING SYSTEMS** must be easily overridden from the outside.

Available in mdf, softwood, and hardwood depending on the door's fire rating. **FRAMES** are available in either a rebates section or loose stop with a range of frame sizes available on request.



All doorsets are prepared and fitted with **HINGES** and **PADS** as required. Doors and frames are also prepared for mortice locks, flush bolts, and operating hardware where required.

Doorsets are supplied with **INTUMESCENT SEALS** incorporated into the perimeter of the door frame and meeting edges of double doors. Other option seals are available for acoustic or cold **SMOKE** performance requirements.

Applications

Our fire doors are suitable for all sectors and can be supplied in a collection of finishes suitable for a range of environments:

- COMMUNAL AREAS
- ROOM ENTRANCES
- CORRIDORS

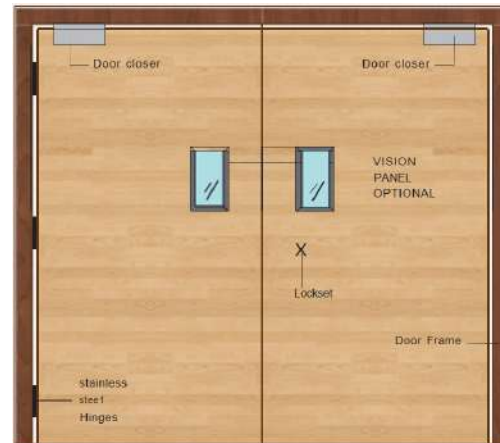
Fire Ratings



DETAILS OF DOORSET - 1 HOUR RATING



DOOR FRAME SIZE - SINGLE LEAF
(maximum size 1200mm X 2400mm)

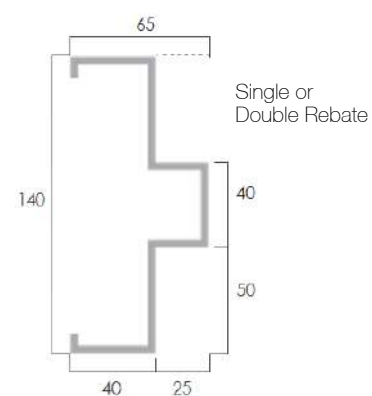


DOOR FRAME SIZE - DOUBLE LEAVES
(maximum size 2400mm X 2400mm)

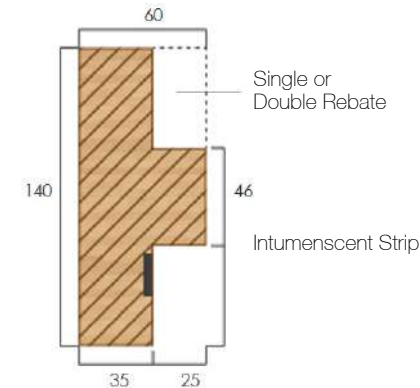
CROSS SECTION OF DOOR LEAF



DETAILS OF DOOR FRAME



Metal Door Frame



Timber Door Frame



Primer Painted color



Lamination



Veneer/Full finish Painting



EUROPEAN STANDARD STEEL ENTRANCE DOOR



Main Specs

- Door skin: 0.9steel sheet,12mm MDF(Single / Double)
- Door surface finish: PVC film
- Door filling:Polystyrene
- Door thickness: 70/90mm
- Frame:1.2mm steel sheet,powder coating
- Hardware: Lock, multi-locking system,night latch,3*hinges,SS threshold,Viewer

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STD-010



STD-011



STD-012



STD-013



STD-013



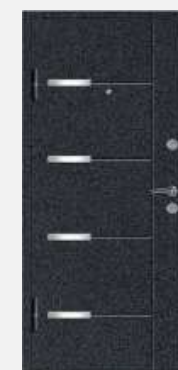
STD-014



STD-015



STD-016



STD-017

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AMERICA STANDARD PREHUNG DOOR WITH COMPOSITE FRAME

Our steel doors are designed to high standards of energy efficiency, security, and sturdiness without sacrificing beauty. They are available in smooth or textured steel finishes. Made to enhance your entry way and satisfy the unique taste of each homeowner, we offer a variety of rich designs with a comprehensive collection of decorative glass.



Main Specs

Door skin: 24 Gauge Steel Sheet Laminated with 0.18mm Vinyl Film
 Door core: Polystyrene Core (PE)
 Jamb: 4-9/16" Composite
 Hinge: 3" Stainless Steel Hinges
 Threshold: 5-5/8" Aluminum Threshold
 Door sweep: PVC
 Optional: Brickmold/J Channel Receiver
 Package: Pre-Hung
 Shipping: Plywood Pallet



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PD-4P-2210

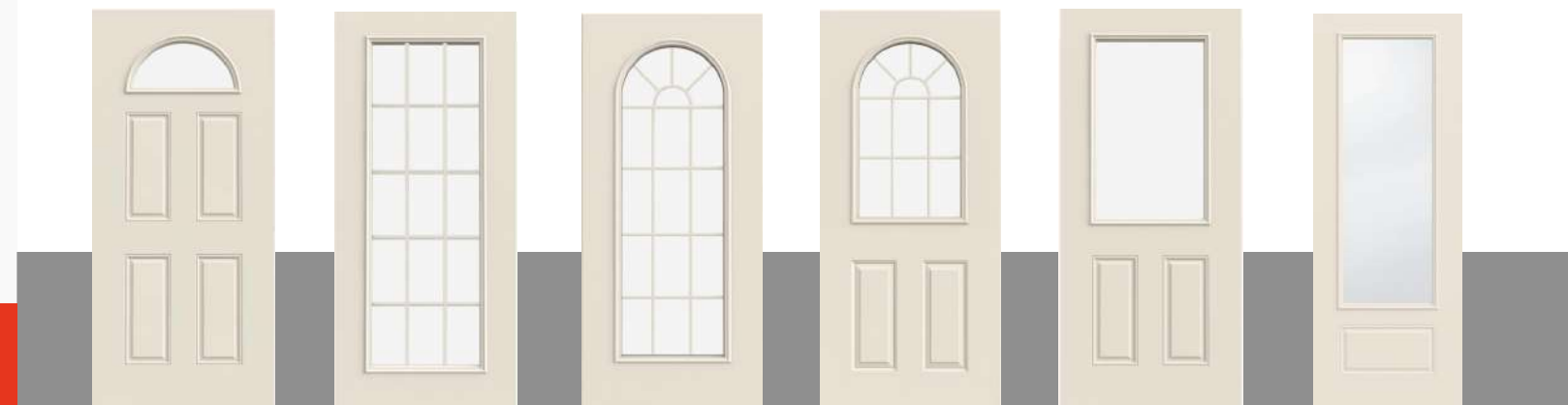
PD-2P-2215

PD-3P

PD-2P01

PD-4P-0806

PD-FV



PD-4P-SB

PD-15L

PD-FR

PD-2P-AR

PD-2P-2236

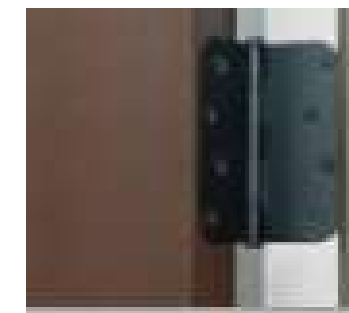
PD-1P-2248



Wood Edge



Composite Frame

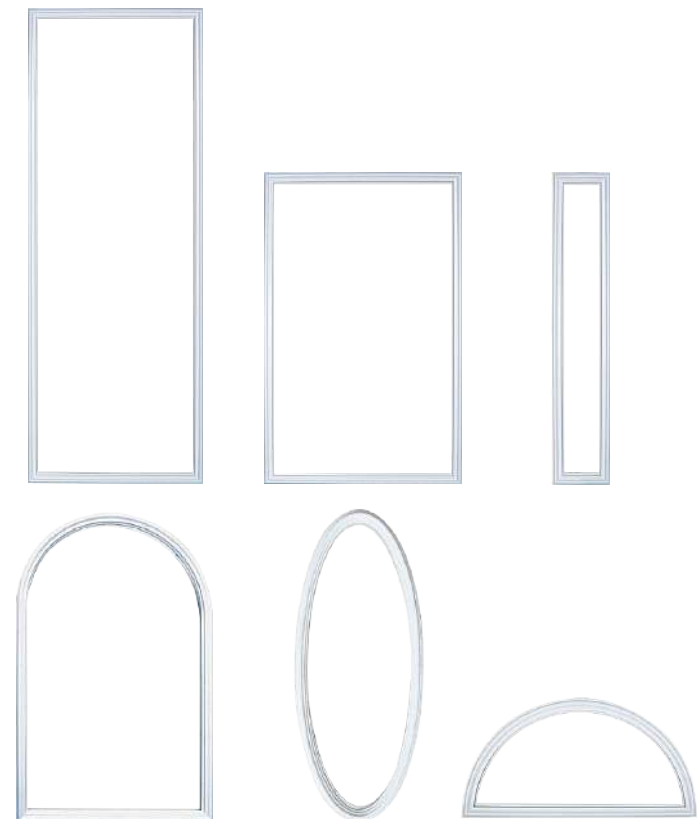
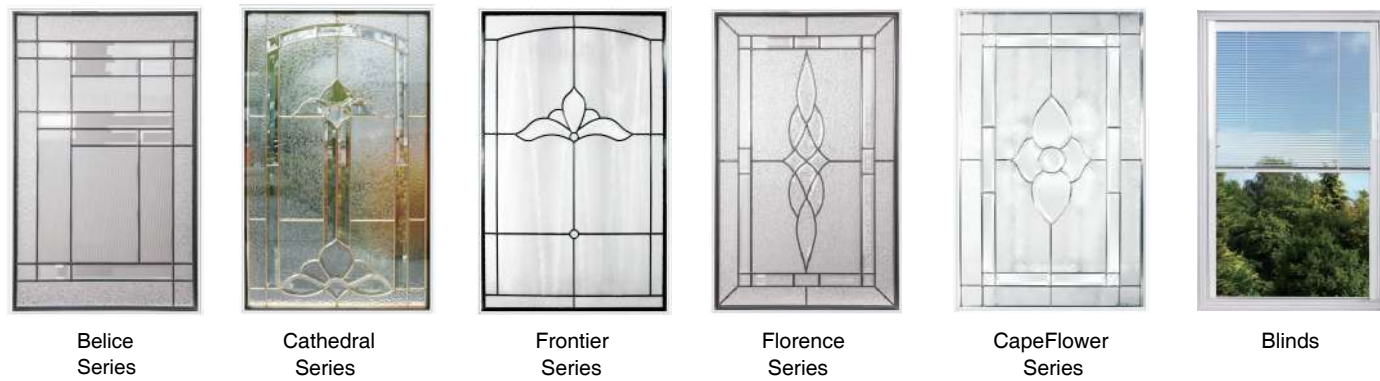


Ball Bearing Hinges



Adjustable Sill

Decorative Glass Option



Injection
Moulding
Glass
Frame

AMERICA STANDARD DOOR WITH STEEL OR ALUMINUM FRAME AND WINDOWS

Our doors and windows are specially designed for sheds,carports,portable buildings,and manufactured homes.





CD-S-6P



CD-F-SB



CD-F-2236D



CD-F-3/40



CD-F-2236B

Combo Door



Main Specs:

Door Materials: 24 gauge steel sheet laminated with 0.18mm vinly film
 Door Core: Polystyrene core(PE)
 Lock Prep: Lockset and deabolt Prep
 Hinge: 3*stainless steel hinges
 Door sweep: PVC
 Stom Door: Full glass /self-storing
 Jamb Materials: 5 1/8" Composite
 Threshold:Aluminium



Steel Outswing Door



SO-2236B



SO-D



SO-9L



SO-SB



SO-6P

Main Specs:

Door Materials: 24 gauge steel sheet laminated with 0. 18mm vinly film
 Door Core: Polystyrene core(PE)
 Frame Materials: 18 Gauge galvanized & painted steel sheet
 Frame Type: Flange
 Lock: Lockset and deabolt Prep
 Hinge: 4*Galvanized steel hinges

Fiberglass Door



FD-NG



FD-F



FD-9L



FD-D

Main Specs:

Door Materials: 1.2mm fiberglass sheet
 Door Core: Polystyrene core(PE)
 Frame Materials: 1.2mm extruded aluminum
 Frame Type: Flange
 Lock Prep: Lockset.
 Hinge: 6 extruded hinges complete with stainless steel bushing
 Color: original white



Aluminum Window



Aluminum Shed Window

J-lap and Flush Mount Available
 Fiberglass screen
 0.154"Thinner standard glass
 Custom sizes available



Size	Color
1421	Mill/WH/BR/BLK
1427	Mill/WH/BR/BLK
1827	Mill/WH/BR/BLK
1836	Mill/WH/BR/BLK
2427	Mill/WH/BR/BLK
2436	Mill/WH/BR/BLK
3030	Mill/WH/BR/BLK
3036	Mill/WH/BR/BLK
3054	Mill/WH/BR/BLK
3636	Mill/WH/BR/BLK
3640	Mill/WH/BR/BLK
3652	Mill/WH/BR/BLK
4827	Mill/WH/BR/BLK

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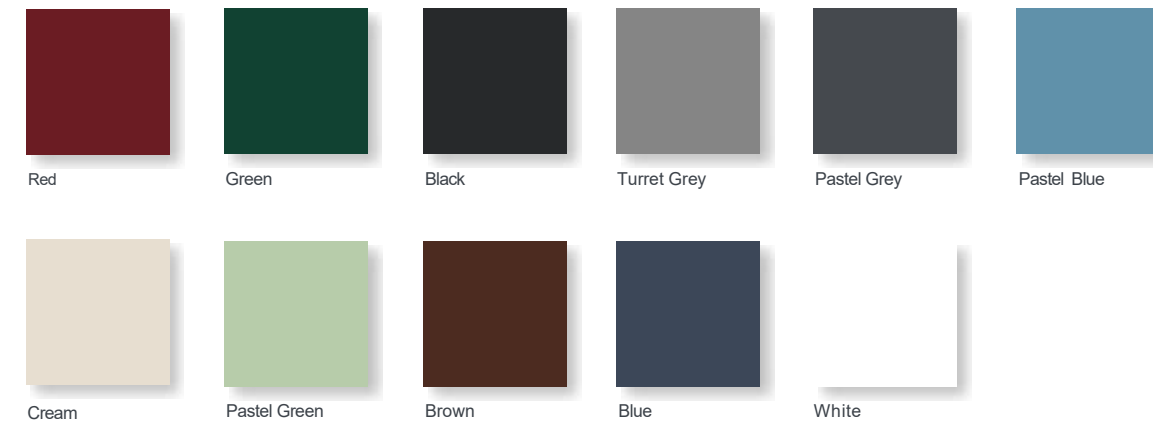
DOOR FINISHES

Our doorsets come in a range of finishing options including primer, paint grade, veneer and laminate, providing a range of bespoke style options that suit the most exacting project requirements.



Paint Finishes

We offer a selection of resident door colour choices for our internal flat entrance, external UKCA flat entrance, and internal communal doorsets that cater to any environment. All doors are supplied fully finished in a 4-stage paint process to ensure a quality finish.



Dual colour options available for our paint grade doorsets.

PVC Laminated

Its high durability protects it from scratches, wear, and tear, offers an effective moisture barrier, therefore prolonging its life span. Apart from its practical benefits, laminated PVC film significantly contributes to aesthetic appeal



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HANDING PROCEDURES DIAMGRAMS

To determine the hand of a door, view the door from the outside (the side that hinges are on is the hand of the door).

- If the door swings away from the viewer, the hand is regular hand, i.e., right or left hand.
- If the door swings to the viewer, the door is reverse swing, i.e., right hand reverse swing or left hand reverse swing.
- For door handing in Tornado shelter door openings, the outside is always the storm side. While uncommon, if the key side is on the safe side of the door, as in a corridor shelter, this handing rule still applies. In this case, you must clarify in your order so that latching hardware preps will be correctly addressed, and the key side will be recognized on the reverse hand (inside) as instructed.
- Storm Shutter doors likewise are handed with the outside as the storm side. Shutters are typically straight handed and will always be straight handed if there is glass in the opening.

All Steelcraft Doors and Frames are handed according to the following chart:

Right hand door (swing in) Right hand frame	Left hand door (swing in) Left hand frame
Right hand reverse bevel door (swing out) Left hand frame	Left hand reverse bevel door (swing out) Right hand frame
Pair of doors - LH active (swing in) Double door frame - LH active	Pair of doors - RH active (sing in) Double door frame - RH active
Pair of doors LHRB active (swing out) Double door frame -RH active	Pair of doors - RHRB active (swing out) Double door frame - LH active

K Indicates key side of the active door

IRONMONGERY

