

06STEEL

DOOR SETS


 /Providing Total Door Solutions




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strength in design


 The information in this brochure is correct at the time of going to press.
 Due to continual product development Fortress Industries Ltd. reserve the
 right to alter specifications/details without prior notice.

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06 specification

FORTRESS STEEL DOOR SETS. FSD/FFD


Certification Available
 LPCB, Warrington BS476 Part 22,
 Underwriters Laboratories, Warnock Hersey

Constructed from galvanized steel
 Honeycomb core
 All necessary reinforcements
 Standard size doorsets
 Prepared for handing on site
 Hardware as per schedule


 accredited to meet all required standards.

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06STEEL

DOOR SETS

STANDARD AND CUSTOM SIZES

Fortress holds in stock a large quantity of hollow metal doors and frames to suit standard openings. Our standard doors are ambidextrous and can be handed on site. Once 'handing' has been agreed, strike and hinge jambs can be adjusted in length dependent on floor finishes, allowing the frame to fit into a standard opening.

Our modern facilities allow for quick and efficient response to last minute changes in sizes and specification, allowing us to customise products with speed and efficiency. Standard doors range from 900mm wide to 1800mm wide with a standard opening height of 2100mm.

Non-standard doors up to a max 3000mm wide by 3000mm high can be manufactured. Please allow a lead in time of approximately 4-8 weeks for non-standards (for larger doors please consult sales office).

STEEL DOOR SIZES AND TOLERANCES

Steel doors are designed to fit into an opening allowing an all round clearance of 5mm. ie see table below:

DOOR TYPE	STRUCTURAL OPENING		OVERALL FRAME SIZE		DOOR LEAF SIZE HEIGHT 2039mm	
	WIDTH	HEIGHT	WIDTH	HEIGHT	ACTIVE	INACTIVE
FSD 9	900	2100	890	2095	784	-
FSD 10	1000	2100	990	2095	884	-
FSD 11	1125	2100	1115	2095	1009	-
FSD 15	1575	2100	1565	2095	784	680
FSD 18	1800	2100	1790	2095	884	796

all dimensions given in millimetres

FORTRESS STEEL FIRE DOORS (FFD)

Meet with LPCB & Warrington fire research, fire rating from 30 minutes to 240 minutes. Please specify as required.

MATERIALS AND FINISHES

Fortress's hollow metal doors and frames are manufactured using superior quality galvanealed steel. This finish provides the durability expected in modern architectural applications. It also provides full protection against rust and requires no primer prior to applying paint finish.

WHY YOU SHOULD SPECIFY GALVANNEALED STEEL

- Purchasing cost of sheet metal is competitive.
- Reduced preparation and painting costs.
- Provides considerably longer life-expectancy.
- Delivers excellent resistance to corrosive elements.
- Offers superb paint adhesion characteristics.
- Requires minimal maintenance.

STANDARD DOOR CONSTRUCTION FEATURES

HINGE REINFORCEMENT

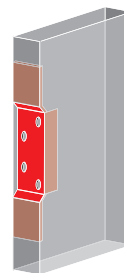
high frequency hinge reinforcement with return bend for added strength.

FSD standard doors are 45mm thick, are lock seamed along the hinge and lock edges and bonded round a honeycomb core for additional rigidity. All doors are reinforced for standard hardware. All doors are galvanealed, ready for site painting.

Special door cores are available at an additional cost. Please allow a longer lead time for these specials:

TYPES OF CORE

honeycomb/standard
polystyrene insulated
polyurethane insulated
mineral board/temperature rise
steel stiffened

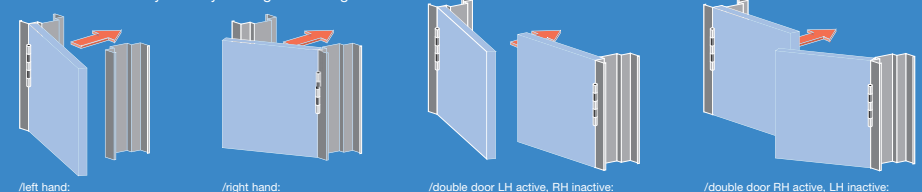


FORTRESS

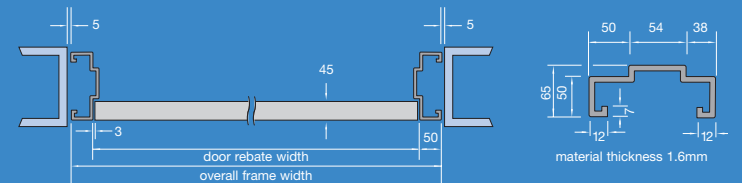
:doors

HANDING

Doors are handed by actually looking at the hinge.

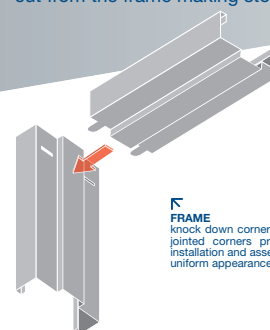


STANDARD FRAME/DOOR PROFILE



STANDARD FRAME CONSTRUCTION FEATURES

Standard frames for 45mm doors are made from 16swg galvanealed steel and are prepared and reinforced to receive standard hardware. Butt corners allow for quick and easy installation. All frames/doors are ambidextrous and can be handed on site. Once 'handing' has been agreed 50mm is cut from the frame making stocking of doors simple.



PLEASE NOTE

Fortress Industries Ltd have complete Sales, Contracts and Technical departments should assistance be required with any of the following information/telephone: +44 2890 342655

