

## ROBUST UK FD INNA-DOR DOOR SPECIFICATION

### ROBUST SINGLE/ DOUBLE FD FIRE RESISTING STEEL DOORS 60/120/240 FR TO BS EN 1634



#### MANUFACTURER

ROBUST UK LTD, SUTHERLAND ROAD, LONGTON,  
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Doors fully compliant with door standard EN 14351-1 and CE marked (for external door characteristics only).

#### CERTIFICATION

- Fire performance third-party certified under CERTIFIRE certification scheme to BS EN 1634.

#### LEAF

- 55mm thick door leaf constructed from:-
  - 2 No. 1.2mm thick Zinc coated steel sheets, which are glued together. (Magnelis© is available as an option in salt laden coastal or high chlorination locations).
  - 50mm thick honeycomb core (mineral wool optional).

#### FRAME

- Manufactured from 1.6mm thick Zinc coated steel (Magnelis© is available as an option in salt laden coastal or high chlorination locations)
- Single rebate 95mm wide frame with additional rebate for flush lip.
- A minimum of four fixing points C/W adjustable mounting screws and adjustable cloaking channel. (Note: fixing system does not use shims and all mastic gaps are kept to a minimum).
- Knockdown frames on double doors for transit and distribution.
- 100mm, 200mm, 250mm are available upon request.

#### THERMAL PERFORMANCE

- Leaf core: Honeycomb. Frame hollow: 3.1 w/m<sup>2</sup>k
- Leaf core: Mineral wool (with steel strengtheners). Frame mineral wool filled. 2.4 w/m<sup>2</sup>k

#### AIR PERMEABILITY PERFORMANCE

- Class 3A to BS 6375 and BS EN 12207: 1999

#### RESISTANCE TO WINDLOADING

- Class 3A to BS 6375 and BS EN 12210: 1999

#### WATER TIGHTNESS

- Class 3A to BS 6375 and BS EN 12208: 2000

#### DURABILITY

- Class 6 to EN 1191: 2000

#### DOOR IRONMONGERY

- BS EN 1935 Grade 13 stainless steel, twin bearing template drilled butt hinges with integral security dog bolts are fitted as standard with CE marking.
- Door closer to meet Part B Building Regulations.
- Refer to ironmongery schedule for balance of ironmongery.

#### VISION PANELS (Optional)

- Single and double glazed in assorted panel designs
- Pyroguard laminate
- 24mm double glazed units available

#### LOUVRES (Optional)

- 40% ventilation in panel designs 457mm x 457mm and 610mm x 610mm - Fire block louvre system

#### FINISH

- Powder coated as standard to single stock BS or RAL finish. Non-standard colours available as an option.
- Robust Extra Life C5-M Marine Grade finish is available as an option in salt laden coastal or high chlorination locations

#### THRESHOLD (Optional)

- Standard 15mm pressed metal.
- Deluxe aluminium threshold with neoprene seal on external outward opening doors.

#### SEALS (Optional)

- SAA standard frame seals available upon request.

#### SIDE PANELS & OVER PANELS(Optional)

- Solid, glazed and louvred side and over panels available in a fixed or removable arrangement.