

## **ROBUST FD Fire Door Specification L20**

### **ROBUST SINGLE / DOUBLE FD FIRE RESISTING STEEL DOORS 60 /120 / 240 FR to BSEN 1634**

#### **MANUFACTURER**

**ROBUST UK LTD, BROOKHOUSE WAY, BROOKHOUSE IND EST**

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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 BSEN 1634

#### **LEAF**

- 48mm thick Door leaf constructed from:-
  - 2 No. 1.0 mm 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 1.6 mm 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
- 100, 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 A3 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  
6mm GWPP Pyrostem/ 6mm Clear Pyroset up to 1 hour  
8.8mm Firelite Laminated 2-4 hours  
24mm Double Glazed units available

#### **LOUVRES (Optional)**

- 40% Ventilation in Panel Design 457x457 and 610x610 – Fire Block louver system

#### **FINISH**

- Powder coated as standard to single stock BS or RAL finish. Non-std 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)**

- Std 15mm Pressed Metal
- Deluxe aluminum threshold with neoprene seal on external outward opening doors

#### **SEALS (Optional)**

- SAA standard frame seals available upon request.

#### **SIDEPANELS & OVERPANELS (Optional)**

- Solid, Glazed and Louvred side and overpanels available in a fixed or removable arrangement.