

MANUFACTURER

Robust UK Ltd, Coaldale Road, Lymedale Business Park, Newcastle-under-Lyme, ST5 9QX
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Doors fully compliant with door standard EN 14351-1 and CE marked.

LEAF

55mm thick door leaf with flush lipped astragal constructed from:

- 2 No. 1.2mm thick Magnelis® steel sheets, which are glued together.
- 50mm thick honeycomb core (insulated mineral wool optional).

FRAME

- Manufactured from 1.6mm thick Magnelis®.
- 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 | $3.1W/m^2k$.
- Leaf core: mineral wool (with steel strengtheners). Frame: mineral wool | $2.4W/m^2k$.
- Leaf core: mineral wool (without steel strengtheners). Frame: mineral wool | $1.8W/m^2k$.
- Leaf core: mineral wool with low U Value core and internal thermal transfer bridge | $1.4W/m^2k$

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.
- Refer to ironmongery schedule for balance of ironmongery.

VISION PANELS (optional)

18mm thick double glazed units comprising 6.4mm laminated outer pane, 6mm space, and 6.4mm laminated inner pane. Available in various panel designs.

LOUVRES (optional)

40% ventilation in panel designs 457mm x 457mm and 457mm x 1524mm.

FINISH

- Powder coated is available as standard in any single stocked BS or RAL colour.
- 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 high pressed steel with SAA Seal.
- Deluxe aluminium threshold with neoprene seal on external outward opening doors.

SEALS (optional)

Robust standard self-adhesive perimeter seals.

SIDE PANELS & OVER PANELS (optional)

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