

MANUFACTURER

Robust UK Ltd, Coaldale Road, Lymedale Business Park, Newcastle-under-Lyme, ST5 9QX
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Doors are CE marked for external use.

LEAF

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

- 2 No. 1.2mm thick Magnelis® steel sheets, which are bonded together.
- 52.6mm thick mineral wool core (honeycomb option available).

FRAME

- Manufactured from 1.5mm thick Magnelis®.
- Single rebate 95mm wide frame with additional rebate for flush lip on single door.
- 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.
- Wide range of frame options available.

THERMAL PERFORMANCE (unglazed doorsets)

- Leaf core: mineral wool (with thermally reducing steel stiffeners). Frame: mineral wool infill | $1.5W/m^2k$.
- Leaf core: mineral wool (without thermally reducing steel stiffeners). Frame: thermally reducing with mineral wool infill | $1.3W/m^2k$.
- Leaf core: honeycomb. Frame: hollow | $3.1W/m^2k$.

ACOUSTIC PERFORMANCE (mineral wool infill)

- Single doorsets: Rw 34dB.
- Double doorsets: Rw 36dB.

AIR PERMEABILITY PERFORMANCE (mineral wool infill)

Class 3 to EN14351-1:2006 + A2:2016.

RESISTANCE TO WINDLOADING (mineral wool infill)

Class C5 to EN14351-1:2006 + A2:2016.

WATER TIGHTNESS (mineral wool infill)

Class 4A to EN14351-1:2006 + A2:2016.

DURABILITY

Class 6 to EN 1191: 2000.

DOOR IRONMONGERY

- BS EN 1935 Grade 13 stainless steel CE marked twin bearing template drilled butt hinges with integral security dog bolts are fitted as standard.
- 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 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, hinged or removable arrangement.