

OUTA-DOR SPECIFICATION

SINGLE / DOUBLE FIRE RESISTING OUTA-DOR STEEL DOORS

60 / 120 / 240 MINUTES FIRE RATING (INTEGRITY ONLY) TO BS EN 1634-1



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.
- 52.6mm thick honeycomb core (insulated mineral wool option for 60 minutes fire rating).

FRAME

- Manufactured from 1.5mm 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.
- Up to 300mm available upon request.

THERMAL PERFORMANCE

- Leaf core: mineral wool (with thermally reducing steel stiffeners). Frame: mineral wool infill | $1.5W/m^2k$. Available for 60 minutes fire rating only.
- Leaf core: honeycomb. Frame: hollow | $3.1W/m^2k$. Available for 60, 120 and 240 minutes fire rating.

ACOUSTIC PERFORMANCE

Mineral wool infill

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

Honeycomb infill

- Single doorsets: Rw 28dB.
- Double doorsets: Rw 28dB.

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.

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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)

17mm thick double glazed units comprising 5mm filmed FireLite, 6mm space, and 6mm laminated glazing.

Available in various panel designs.

60 minutes: single and double doorsets.

120 minutes: single doorsets only.

240 minutes: not available.

LOUVRES (optional)

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

60 minutes: single and double doorsets.

120 minutes: single and double doorsets.

240 minutes: not available.

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.

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SIDE PANELS & OVER PANELS (optional)

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

60 minutes: single and double doorsets.

120 minutes: not available.

240 minutes: not available.