OMEGA RANGE

FIRE RATED DOORSET

OMEGAFAST TRACK doors are designed primarily for internal use and are suitable for fire resistance purposes in commercial and industrial applications.

Performance
OMEGAFAST TRACK doors are manufactured to ISO 9000 Quality Assurance Standards and have been tested at Warrington Fire Research Centre to BS 476 Part 22 and BS EN 1634-1 for periods up to and including 4 hours integrity fire resistance.

Omega Doors certification is summarised in a comprehensive WFC Global Assessment No. C18458.

Door Leaf
- Two 18g Galvanised steel sheets folded and welded to form a strong and rigid 45mm thick door leaf with a bonded non-fibrous honeycomb core selected for torsional load performance.
- Two horizontal channels within the leaf close off the top and bottom edges. An additional deep horizontal channel is installed as standard to take surface mounted closers.
- Reinforcing pads are fitted as standard within the leaf to suit hardware options.
- The bottom edge features a 2.5mm thick steel reinforcing channel welded to both sides. This channel houses ADAPTABASE*, a unique bottom rail that allows for adjustments up to 16mm to accommodate changes in floor finish and meet mandatory smoke control requirements. Complies with BS 476 Part 31.1.
- The hinging edge is reinforced by 3.4mm thick hinge mounting plates welded within the leaf.
- Lock mechanisms are installed within an inner enclosure to facilitate removal for future maintenance or replacement.

Frame
- Frames are pressed from 16g Galvanised steel to form a double rebated profile.
- Profiled headers form a smooth rebate joint with the full height vertical posts and include tab and slot locators for positive engagement, plus 2.5mm thick galvanised reinforcing to suit door closers.
- Uprights are reinforced with 4.5mm thick steel plates at all hinge and lock points.

Thresholds
- A tubular silicone seal can be supplied bonded into the frame rebate. In conjunction with the threshold they ensure accurate sealing of the doorframe gap for smoke protection in the initial stages of fire.

Seals
- A tubular silicone seal can be supplied bonded into the frame rebate. In conjunction with the threshold they ensure accurate sealing of the doorframe gap for smoke protection in the initial stages of fire.

Hardware
- Door leaves are hung from 1.5 pairs of 3.4mm thick, satin chrome plated, full ball-bearing hinges, for smooth operation.
- A range of locks, latches, lever handles, panic equipment, closers, etc. to suit fire rated applications.
- NB: Choice of hardware can greatly affect fire performance. Use of Omega tested hardware is recommended. Alternatively, non-tested items can be submitted for assessment.
- On double doors, lever-action flush bolts can be installed within the leading edge of the passive door leaf.
- All hardware is factory fitted, requiring no additional assembly work on site.
- Omega recommends the use of BS 5588 tested ironmongery. Alternative ironmongery can be submitted for fire test assessment (subject to extra cost).

Finish
- All doors are supplied with one coat of self-scratching primer as standard. Factory finish in both high performance low-tack acrylic melamine or specialist systems for coastal/chemical applications are available in any standard BS or RAL colour.

Availability
OMEGAFAST TRACK doors are supplied as part of the OMEGAFAST TRACK service via a network of national and regional industrial door specialists throughout the UK and Republic of Ireland.

To Specify
Door(s) to be OMEGAFAST TRACK doors, supplied (and installed) by, , to suit a structural opening mm wide x mm high, including double rebated frames, extruded aluminium threshold & seals etc., if required, & standard hardware. Also include any special hardware options required, including manufacturers details, part nos., etc., if known.

Door(s) to be
- a) primed for final site painting by others.
- b) finish-painted to BS 6156 (RAL, etc.).

Vision Panels

<table>
<thead>
<tr>
<th>Class</th>
<th>Geo Wired</th>
<th>PYRAM *</th>
<th>FIRELITE</th>
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<tbody>
<tr>
<td>200 x 200mm</td>
<td>Up to FD120</td>
<td>Up to FD120</td>
<td>Up to FD240</td>
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<tr>
<td>200 x 500mm</td>
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<tr>
<td>200 x 700mm</td>
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<td>400 x 500mm</td>
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<tr>
<td>300mm dia</td>
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<td>400mm dia</td>
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<td>500mm dia</td>
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Also available:
- Double Glazed Semi-Flush & Triple Glazed Full Flush.
- Louvres available to client specification.

Door Elevations

Optional Extras
- Adaptalframe* Withdrawn
- Stainless Steel Construction

GUARDIAN.DOORS.COM TEL: 0800 783 6602
Mastic sealant both sides by installers.

100mm Single Rebate frame

Mastic sealant both sides by installers.

121mm Double Rebate frame

Remove ALL sharp edges

Fixing Plates

Hinge

Fixing Plates

Rebate Frame (see detail)

Door Furniture

Ω11 Fixing Holes

Structural Height

Structural Width

Depth