

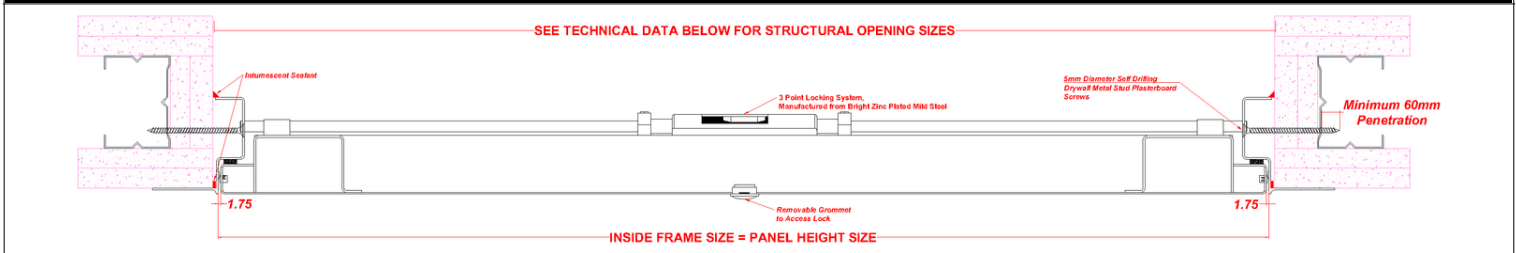


Description

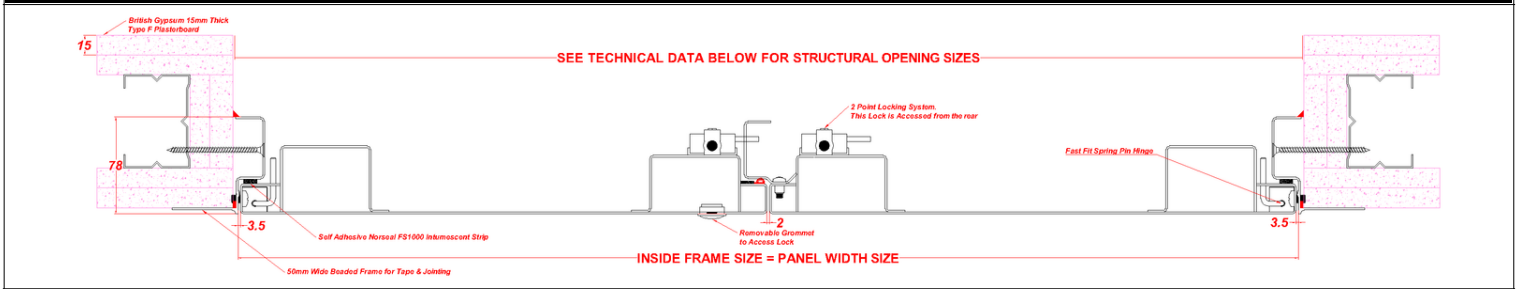
Premium Riser Door, Supplied with a Spring Pin Hinge System, 1.2mm Thick Door Leaf, 1.5mm Thick Frame, 2 Hour fire rated & Ambient Smoke Control Tested, Metal Door, Beaded Frame, 3 Point Locking System, Double Door Unit, Powder Coated Primed for on site Decoration.

| PRODUCT TYPE | FIRE RATING | SMOKE TESTED | DOOR TYPE | FRAME TYPE | MASTER LOCK TYPE | SECONDARY LOCK TYPE | NUMBER OF DOOR LEAVES | AIRTIGHT RATED | ACOUSTIC RATED |
|--------------|-------------|--------------|-----------|------------|------------------|---------------------|-----------------------|----------------|----------------|
|              |             |              |           |            |                  |                     |                       |                |                |

Section Drawing Height (H)



Section Drawing Width (W)



Indicative Product Images (Colour and door handing may differ from that shown)



Technical Data

|                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wall or Ceiling or Both (Dual)                                                                                          | Wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Fire Rating                                                                                                             | · 2 Hour Fire Rated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Fire Test Standard                                                                                                      | · BS EN 1634-1: 2014+A1:2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Fire Performance Rating                                                                                                 | · Integrity (E)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Fire Tested Side                                                                                                        | · Wall application Both Sides (Bidirectional / opening in either direction with respect to the fire risk side)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Fire Tested Size H x W mm                                                                                               | 2400x1800mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Assessed Maximum Panel Sizes                                                                                            | Up to 15% increase in height, 15% width and up to 20% area.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Size range: Minimum to maximum (H x W mm). Fire Rated Panels: See assessed maximum panel sizes for allowable increases. | 300x600mm up to 2400x1800mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Smoke Test Standard                                                                                                     | BS EN 1634-3: 2004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Airtightness Tested                                                                                                     | No Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Acoustic Tested                                                                                                         | No Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Corrosion class C1, C2, C3, C4                                                                                          | C1 - Very Low: Exterior: Not suitable for outdoor use. Interior: Heated buildings with clean atmospheres, e.g. offices, shops, schools, hotels.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Wall Types                                                                                                              | <ul style="list-style-type: none"> <li>· Other rated wall constructions, not listed below, may also be acceptable, subject to expert advice from a qualified fire consultant</li> <li>· Plasterboard clad timber stud partitions (exposed studs are not covered)</li> <li>· Plasterboard clad steel stud partitions (exposed studs are not covered)</li> <li>· For flexible wall types: The aperture must be lined with either 1No, 2No or 3No. layer(s) of 12.5mm or 15mm thick Type F plasterboard (EN520).</li> <li>· Masonry constructions (wall thickness and overall density must be equal to or greater than 140mm thick and 850 kg/m<sup>3</sup>).</li> <li>· Concrete walls (excluding no fines concrete) (wall thickness and overall density must be equal to or greater than 140mm thick and 850 kg/m<sup>3</sup>).</li> <li>· For rigid wall types: : It is optionally permitted for the structural opening to be lined with up to 3No. layer(s) of 12.5mm or 15mm thick Type F</li> <li>· Facing boards to the walls must be mechanically fixed with steel fixings at a minimum of 300mm centres</li> <li>· Knauf Shaftwall: J-channel, deep flange U-channel, CT stud, 100mm Rocksilks RS60, 3x15mm Fire Panel, 1x19mm Coreboard</li> <li>· Knauf Shaftwall: The aperture must be lined out with 3no layers of 15mm thick Knauf Fire Panel plasterboard.</li> <li>· Rigid Plinth: 75–250mm high above finished floor level. Located at the base of the structural opening; other sides use flexible wall construction</li> </ul> |
| Ceiling Types                                                                                                           | · Not Suitable for a Ceiling Application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Frame Fixing Types                                                                                                      | <ul style="list-style-type: none"> <li>· Metal Studding: Minimum 5mm x 60mm Penetration into the Steel Studding Countersunk Self Drilling Drywall Screws</li> <li>· Shaftwalls: Minimum 6mm x 120mm Countersunk Self Drilling Multi Purpose Screws</li> <li>· Masonry: Minimum 7.5mm x 80mm Spax Type Self Drilling Frame Anchor Screws</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Frame Fixing Hole Distance back from the Face of the Panel                                                              | <ul style="list-style-type: none"> <li>· 52mm</li> <li>· A range of 40mm to 65 mm are available upon request</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Permitted Gaps Between the Rear of the Frame and the Structural Opening                                                 | <ul style="list-style-type: none"> <li>· 2mm Height x 2mm Width on Blockwork Masonry or Concrete</li> <li>· 8.5mm Height x 8.5mm Width on Plasterboard clad timber or steel stud partitions &amp; the Knauf shaftwall system designs, as detailed under Wall Types.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Permitted Sealants                                                                                                      | <ul style="list-style-type: none"> <li>· Mann McGowan Pyromas A</li> <li>· Rockwool Fire Pro Intumescent Sealant</li> <li>· Fire-tested alternative sealants to BS EN 1363-1 or BS EN 1634-1 for the required fire resistance</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | duration and substrates in this application.                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Application of Intumescent Sealants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>• Applied Behind the Frame to the Frame Jamb prior to installation</li> <li>• Applied Sealing the Rear of the Frame to the Structural Opening</li> </ul>                                                                                                                                                                                                                                                                       |
| Structural Opening Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | • Panel Height Size + 7mm x Panel Width Size + 7mm                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Panel Size Formula H x Wmm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Inside Frame Size                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clear opening size through the installed panel with the door leaf open at 90 degrees                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • Panel Height - 50mm x Panel Width - 150mm                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Composition / Manufacturing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Quality Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Premium Range                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Design Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Standard Product                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ironmongery Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>• 3 Point Locking System. Bright Zinc Plated Mild Steel</li> <li>• Fast Fit Spring Pin Pivot Hinge manufactured from electroplated steel</li> </ul>                                                                                                                                                                                                                                                                            |
| Lock Security Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Grade 1 – Low Security                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Frame Architrave Width (e.g. Picture / Beaded Frame)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • 50mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Frame Steel Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.5mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Door Steel Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Door & Frame Material Grade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Frame: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25</li> <li>• Door Leaf: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25</li> </ul>                                                                                                                                                                                                                                                                                |
| Frame Depth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 78mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Board Infill Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | • None                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Door Insulation Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • None                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Seal Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>• Norseal FS1000 Self Adhesive Intumescent Foam Tape</li> <li>• Sealed to All Door Closing Edges</li> </ul>                                                                                                                                                                                                                                                                                                                    |
| Paint Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>• Powder-coated primed for on-site decoration. We recommend a swatch to ensure paint adhesion, as we can't guarantee all paints will adhere.</li> <li>• Powder coat primer adhesion tests carried out using the following products. In house test details are available upon request.</li> <li>• Wickes Product Code: 121734</li> <li>• Leyland Product Code: 17001DUT004</li> <li>• Dulux Product: Supermatt White</li> </ul> |
| <b>Installation Guide</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>1) Open the door, release the Spring Pin hinge system, and lift the door out of the frame.</p> <p>2) Place the frame in the aperture, ensuring it's 7mm larger than the panel size. Mark the hinge and door retaining pin positions.</p> <p>3) Remove the frame, drill clearance holes for the marked positions.</p> <p>4) Fix the frame into the aperture using all fixing holes, ensuring it is square and flush with the wall. Apply Intumescent Sealant to the rear of the Picture Frame before installation.</p> <p>5) Refit the door by placing the lower Spring Pin hinge pin, sliding the top hinge pin until fully located, and closing the door. Apply sealant to the frame's rear, nominally 5mm wide sealing to the structural opening.</p> <p>6) Lock the door with the key, ensuring it is flush with the frame.</p> <p><b>Independent bracing or support may be needed for the Riser Door weight.</b></p> <p><b>Before applying the plaster skim coat, apply joint filler and scrim tape over the junction between the beaded frame and plasterboard to prevent cracking.</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |