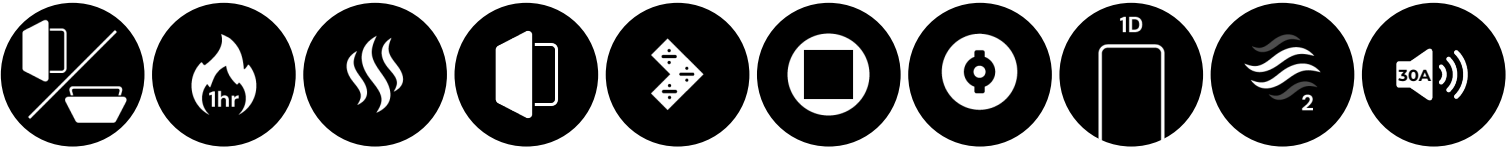




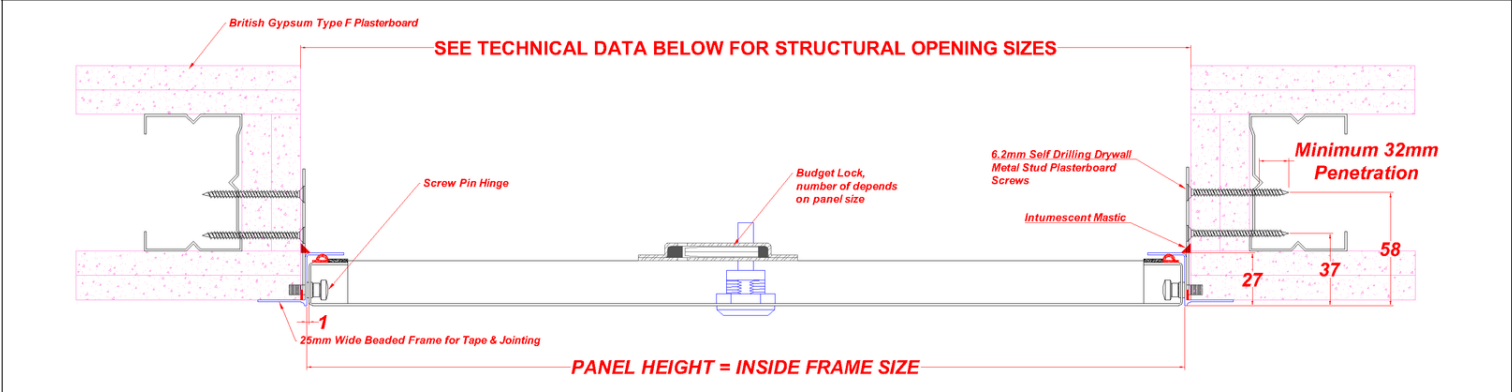
Description

Metal Faced Dual Purpose Shallow Access Panel with extending fixing tabs, 1 Hour fire rated & Ambient Smoke Control Tested, Metal Door, Beaded Frame, Budget Lock, Key Retaining Tamper Proof Key lock, Single Door Unit, Airtight Panel, Slimfit depth frame, 30 dB Acoustic Rated, Powder Coated RAL 9010 30% Gloss.

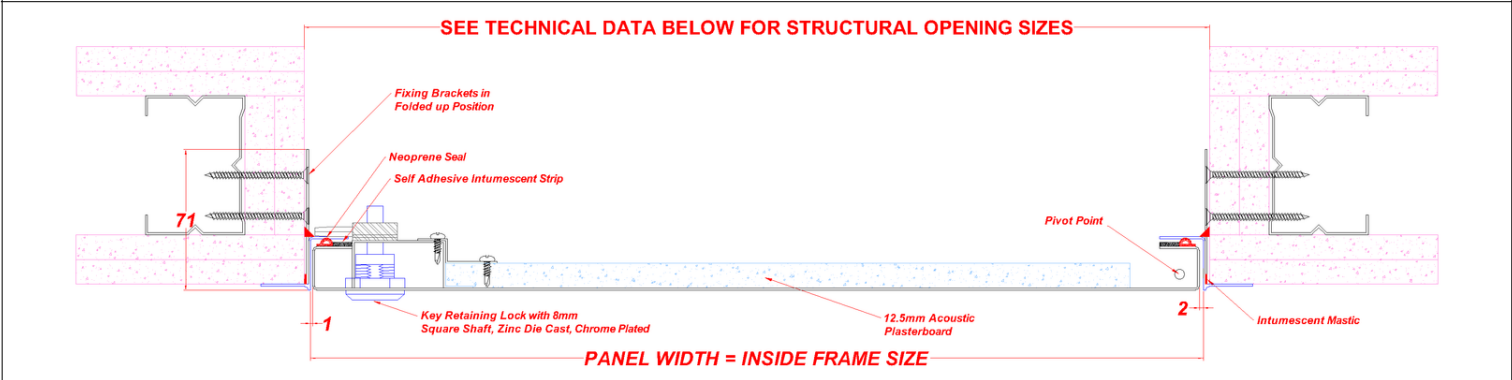
| PRODUCT TYPE | FIRE RATING | SMOKE TESTED | DOOR TYPE | FRAME TYPE | MASTER LOCK TYPE | SECONDARY LOCK TYPE | NUMBER OF DOOR LEAVES | AIRTIGHT RATED | ACOUSTIC RATED |
|--------------|-------------|--------------|-----------|------------|------------------|---------------------|-----------------------|----------------|----------------|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



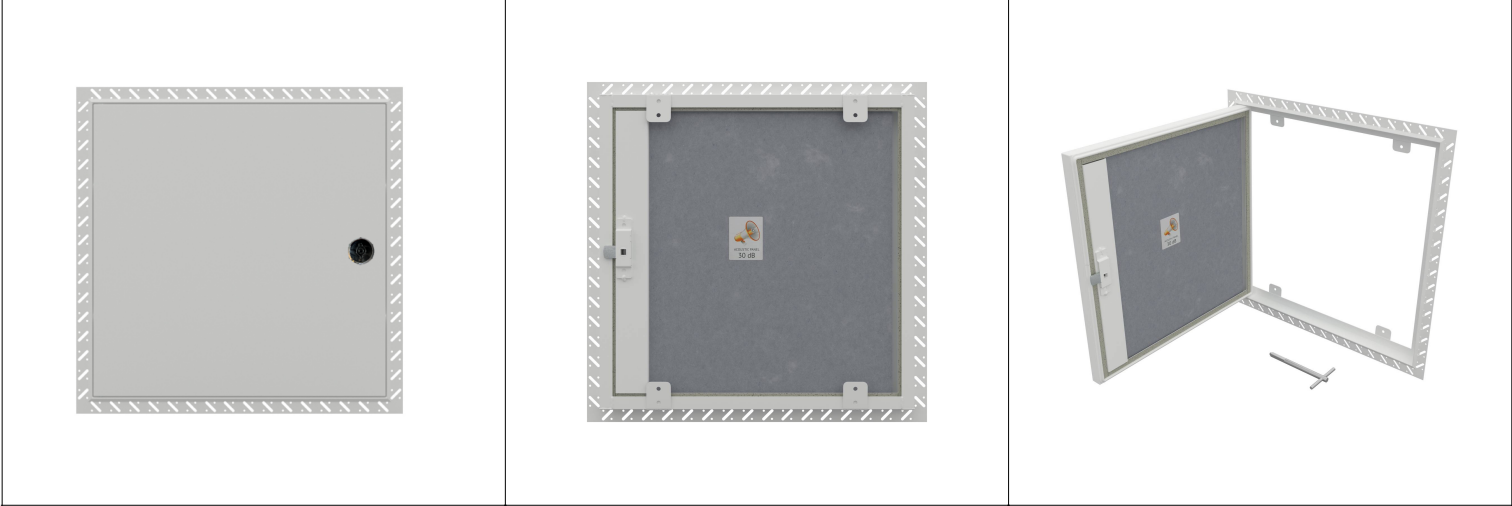
Section Drawing Height (H)



Section Drawing Width (W)



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



Technical Data

|                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wall or Ceiling or Both (Dual)                                          | Dual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Fire Rating                                                             | <ul style="list-style-type: none"> <li>• 1 Hour Fire Rated</li> <li>• Note: 1 Hour Fire Rated for tested flexible walls that remain intact for 2 hours</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Fire Test Standard                                                      | <ul style="list-style-type: none"> <li>• BS EN 1364-2: 2018</li> <li>• BS EN 1634-1: 2014+A1:2018 from the face (room side)</li> <li>• BS EN 1634-1: 2014+A1:2018 from the rear (services side)</li> <li>• BS 476: PART 22: 1987</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Fire Performance Rating                                                 | <ul style="list-style-type: none"> <li>• Integrity (E)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Fire Tested Side                                                        | <ul style="list-style-type: none"> <li>• Wall application Face (Room Side / opening towards the fire risk side)</li> <li>• Wall application Rear (Services side / opening away from the fire risk side)</li> <li>• Ceiling application Face (Room Side / opening down towards the fire risk side)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Fire Tested Size H x W mm                                               | 1200x600mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Assessed Maximum Panel Sizes                                            | Up to 15% increase in height, 15% width and up to 20% area.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Smoke Test Standard                                                     | BS EN 1634-3: 2004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Air Permeability Test Standard                                          | BS EN 1026: 2016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Air Permeability Rating                                                 | <ul style="list-style-type: none"> <li>• 300Pa CLASS 2</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Acoustic Test Standard                                                  | EN ISO 140-3: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Acoustic Rating                                                         | 30dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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>• Rigid walls must provide fire resistance equal to the doorset's required performance period.</li> <li>• Flexible walls must be supported by fire resistance test evidence confirming they remain in place and intact for at least 120 minutes.</li> </ul> |
| Ceiling Types                                                           | <ul style="list-style-type: none"> <li>• Other rated ceiling constructions, not listed below, may also be acceptable, subject to expert advice from a qualified fire consultant</li> <li>• MF Ceiling System</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Frame Fixing Types                                                      | <ul style="list-style-type: none"> <li>• Metal Studding: Minimum 6.2mm x 32mm Penetration into the Steel Studding Countersunk Self Drilling Drywall 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>• 37mm &amp; 58mm</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</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 duration and substrates in this application.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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                                                 | <ul style="list-style-type: none"> <li>• Panel Height Size + 7mm x Panel Width Size + 7mm</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Panel Size Formula H x Wmm                                              | Inside Frame Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Clear opening size through the                                          | <ul style="list-style-type: none"> <li>• Panel Height - 50mm x Panel Width - 60mm</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| installed panel with the door leaf open at 90 degrees                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                             |
| <b>Composition / Manufacturing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                             |
| Quality Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mid Range                                                                                                                                                                                                                                                   |
| Product Design Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Bespoke / Special Configuration Product                                                                                                                                                                                                                     |
| Ironmongery Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Standard budget lock manufactured from Bright zinc plated mild steel</li> <li>Key Retaining Lock, Zinc Die Cast, Chrome Plated</li> <li>Screw Pin Hinge, manufactured from Bright Zinc Plated (BZP) steel</li> </ul> |
| Lock Security Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Grade 3 – Medium to High Security                                                                                                                                                                                                                           |
| Frame Architrave Width (e.g. Picture / Beaded Frame)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>25mm</li> </ul>                                                                                                                                                                                                      |
| Frame Steel Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.9mm                                                                                                                                                                                                                                                       |
| Door Steel Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.9mm                                                                                                                                                                                                                                                       |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 27mm                                                                                                                                                                                                                                                        |
| Board Infill Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>12.5mm Thick GTEC dB Board</li> </ul>                                                                                                                                                                                |
| Door Insulation Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>None</li> </ul>                                                                                                                                                                                                      |
| Seal Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>9mm x 5.5mm White 'P' Profile Compression Self Adhesive Neoprene Seal</li> <li>Envirograph G10/10 10mm x 2mm Self Adhesive Intumescent Strip</li> <li>Sealed to All Door Closing Edges</li> </ul>                    |
| Paint Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>Polyester Powder Coated</li> <li>RAL 9010 30% Gloss Pure white</li> </ul>                                                                                                                                            |
| <b>Installation Guide</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                             |
| <p>1) Open the door, release the hinge bolts, 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 by bending up the frame fixing tabs. Using all fixing holes, ensure it is square and flush with the ceiling / wall. Apply Intumescent Sealant to the rear of the Picture Frame before installation.</p> <p>5) Refit the door by tightening up the hinge bolts back in position 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 Access Panels 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> |                                                                                                                                                                                                                                                             |