Datasheet

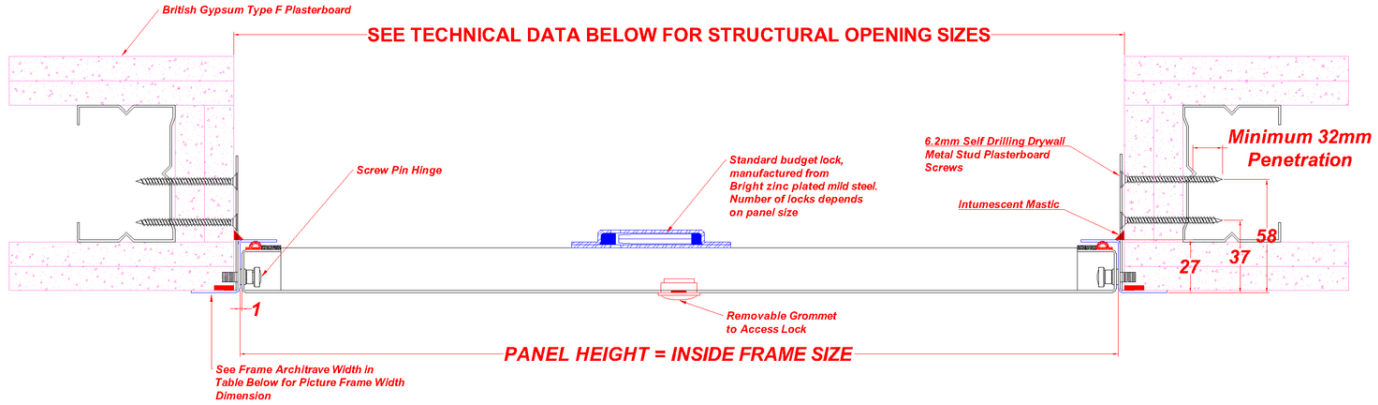
# R01/120/MD/PF/L11A/30A

## Description

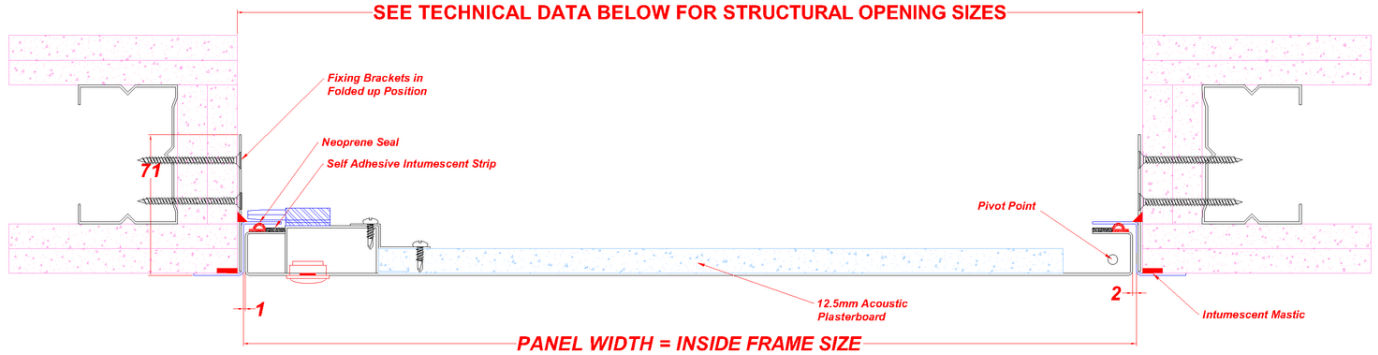
Metal Faced Wall Shallow Access Panel with extending fixing tabs, 2 Hour fire rated, Metal Door, 25mm wide Picture Frame, Budget Lock, Single Door Unit, 30 dB Acoustic Rated, Powder Coated RAL 9010 30% Gloss.

| PRODUCT TYPE | FIRE RATING | SMOKE TESTED | DOOR TYPE | FRAME TYPE | MASTER LOCK TYPE | SECONDARY LOCK TYPE | NUMBER OF DOOR LEAVES | AIRTIGHT RATED | ACOUSTIC RATED |
|---|---|---|---|---|---|---|---|---|---|
| | 2hr | N/A | | | | N/A | 1D | N/A | 30A |

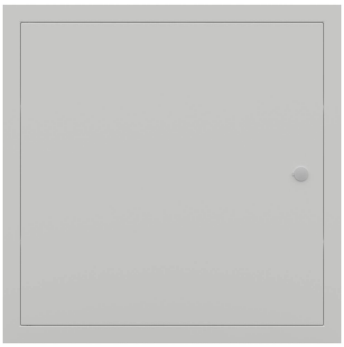
## Section Drawing Height (H)

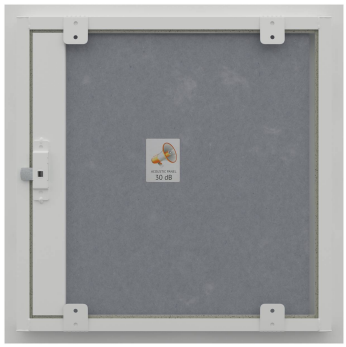


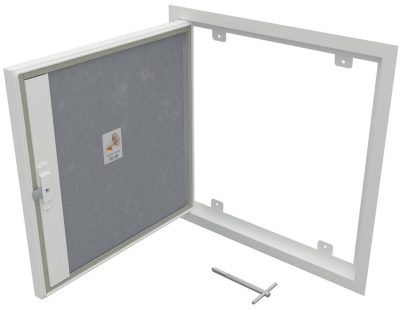

## Section Drawing Width (W)




## 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 from the face (room side)<br>• BS EN 1634-1: 2014+A1:2018 from the rear (services side)<br>• BS 476: PART 22: 1987 |
| Fire Performance Rating | • Integrity (E) |
| Fire Tested Side | • Wall application Face (Room Side / opening towards the fire risk side)<br>• Wall application Rear (Services side / opening away from the fire risk side) |
| 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 Tested | No Rating |
| Airtightness Tested | No Rating |
| Acoustic Test Standard | EN ISO 140-3: 1995 |
| Acoustic Rating | 30dB |
| Flexible Wall Types | • The wall type shall provide a suitable medium to permit adequate fixity.<br>• Other rated wall constructions, not listed below, may also be acceptable, subject to expert advice from a qualified fire consultant<br>• Plasterboard clad partitions<br>• Plasterboard clad timber stud partitions (exposed studs are not covered)<br>• Plasterboard clad steel stud partitions (exposed studs are not covered)<br>• The aperture must be lined with either 1No, 2No or 3No. layer(s) of 12.5mm or 15mm thick Type F plasterboard (EN520)<br>• Walls must be supported by fire resistance test evidence confirming they remain in place and intact for at least 120 minutes. |
| Rigid Wall Types | • The wall type shall provide a suitable medium to permit adequate fixity.<br>• Other rated wall constructions, not listed below, may also be acceptable, subject to expert advice from a qualified fire consultant<br>• Masonry constructions (wall thickness and overall density must be equal to or greater than 140mm thick and 850 kg/m3).<br>• Concrete walls (excluding no fines concrete) (wall thickness and overall density must be equal to or greater than 140mm thick and 850 kg/m3)<br>• Walls must provide fire resistance equal to the doorset's required performance period. |
| Shaftwall Types | • Currently not Covered |
| Mixed Construction Wall Types | • Currently not Covered |
| Ceiling Types | • Not Suitable for a Ceiling Application |
| Frame Fixing Types | • Metal Studding: Minimum 6.2mm x 32mm Penetration into the Steel Studding Countersunk Self Drilling Drywall Screws<br>• Masonry: Minimum 7.5mm x 80mm Spax Type Self Drilling Frame Anchor Screws |
| Frame Fixing Hole Distance back from the Face of the Panel | • 37mm & 58mm |
| Permitted Gaps Between the Rear of the Frame and the Structural Opening | • 2mm Height x 2mm Width |
| Permitted Sealants | • Mann McGowan Pyromas A<br>• Rockwool Fire Pro Intumescent Sealant<br>• 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. |
| Application of Intumescent Sealants | • Applied Behind the Frame to the Frame Jamb prior to installation<br>• Applied Sealing the Rear of the Frame to the Structural Opening |
| 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 - 60mm |
| **Composition / Manufacturing** | |
| Quality Category | Mid Range |
| Product Design Category | Standard Product |
| Ironmongery Details | • Standard budget lock manufactured from Bright zinc plated mild steel<br>• Screw Pin Hinge, manufactured from Bright Zinc Plated (BZP) steel |
| Lock Security Level | Grade 1 – Low Security |
| Frame Architrave Width (e.g. Picture / Beaded Frame) | • 25mm |
| Frame Steel Thickness | 0.9mm |
| Door Steel Thickness | 0.9mm |
| Door & Frame Material Grade | • Frame: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25<br>• Door Leaf: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25 |
| Frame Depth | 27mm |
| Board Infill Type | • 12.5mm Thick GTEC dB Board |
| Door Insulation Type | • None |
| Seal Type | • 9mm x 5.5mm White 'P' Profile Compression Self Adhesive Neoprene Seal<br>• Envirograph G10/10 10mm x 2mm Self Adhesive Intumescent Strip<br>• Sealed to All Door Closing Edges |
| Paint Type | • Polyester Powder Coated<br>• RAL 9010 30% Gloss Pure white |

## Installation Guide

1) Open the door, release the hinge bolts, and lift the door out of the frame.

2) Place the frame in the aperture, ensuring it's 7mm larger than the panel size. Mark the hinge and door retaining pin positions.

3) Remove the frame, drill clearance holes for the marked positions.

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.

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.

6) Lock the door with the key, ensuring it is flush with the frame.

**Independent bracing or support may be needed for the Access Panels weight.**