Datasheet

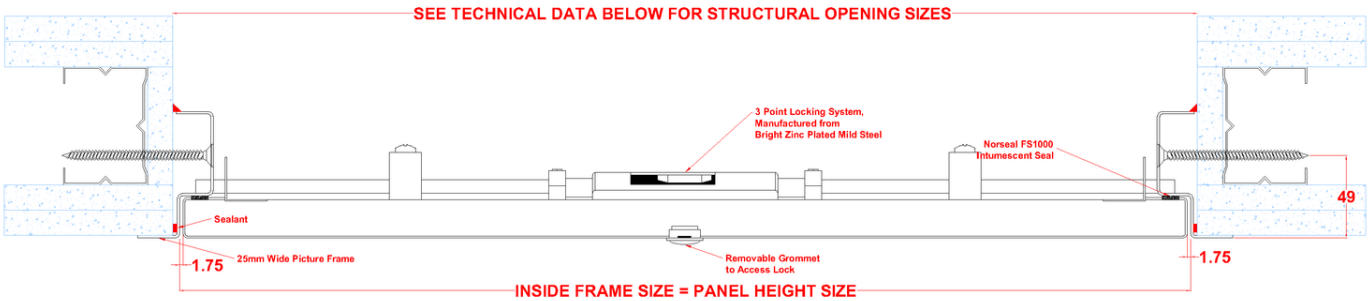
# R57/000/MD/PF/L12A/ATN/33A

## Description

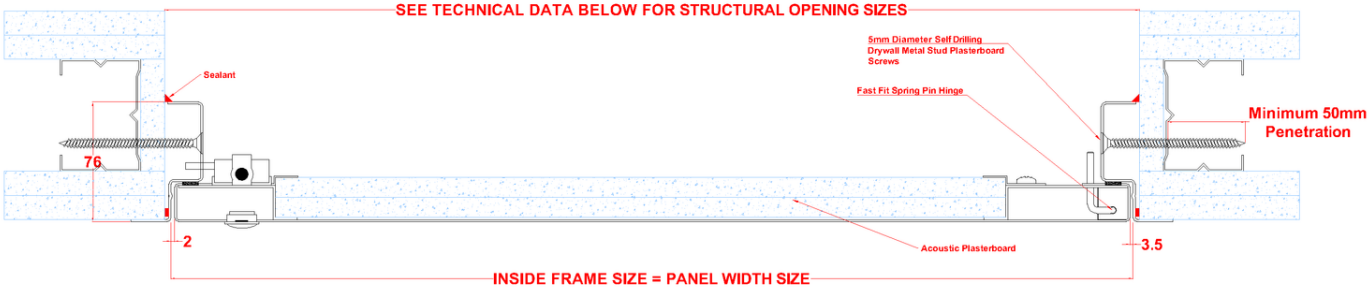
Standard Riser Door, Supplied with a Spring Pin Hinge System, Non fire rated, Metal Door, 25mm wide Picture Frame, 3 Point Locking System, Single Door Unit, Airtight Panel, 33 dB Acoustic Rated, Powder Coated RAL 9010 30% Gloss.

| PRODUCT TYPE | FIRE RATING | SMOKE TESTED | DOOR TYPE | FRAME TYPE | MASTER LOCK TYPE | SECONDARY LOCK TYPE | NUMBER OF DOOR LEAVES | AIRTIGHT RATED | ACOUSTIC RATED |
|---|---|---|---|---|---|---|---|---|---|
| | N/A | N/A | | | 2 1 3 | N/A | 1D | 2 | 33A |

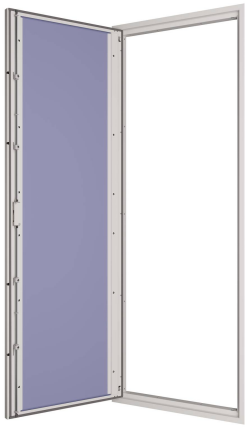
## Section Drawing Height (H)




## 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 | • No Rating |
| Size range: Minimum to maximum (H × W mm). Fire Rated Panels: See | 300x300mm up to 1900x650mm |

| | |
|---|---|
| assessed maximum panel sizes for allowable increases. | |
| Smoke Tested | No Rating |
| Air Permeability Test Standard | BS EN 1026: 2016 |
| Air Permeability Rating | • 300Pa CLASS 2 |
| Acoustic Test Standard | BS EN ISO 10140-2: 2010 |
| Acoustic Rating | 33dB |
| 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. |
| General Wall Types | • Most wall types as long as there are sufficiently robust locations to fix the frame to take the weight of the Door & Frame |
| Ceiling Types | • Most ceiling types as long as there are sufficiently robust locations to fix the frame to take the weight of the Door & Frame |
| Frame Fixing Types | • Metal Studding: Minimum 5mm x 50mm Penetration into the Steel Studding Countersunk Self Drilling Drywall Screws |
| Frame Fixing Hole Distance back from the Face of the Panel | • 49mm |
| Permitted Gaps Between the Rear of the Frame and the Structural Opening | • 2.5mm Height x 2.5mm Width |
| Permitted Sealants | • Standard Acoustic Sealant |
| 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 - 80mm |
| Composition / Manufacturing | |
| Quality Category | Mid Range |
| Product Design Category | Standard Product |
| Ironmongery Details | • 3 Point Locking System. Bright Zinc Plated Mild Steel<br>• Fast Fit Spring Pin Pivot Hinge manufactured from electroplated steel |
| Lock Security Level | Grade 1 – Low Security |
| Frame Architrave Width (e.g. Picture / Beaded Frame) | • 25mm |
| Frame Steel Thickness | 1.2mm |
| 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 | 76mm |
| Board Infill Type | • 12.5mm Thick GTEC dB Board |
| Door Insulation Type | • None |
| Seal Type | • Norseal FS1000 Self Adhesive Intumescent Foam Tape<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 Spring Pin hinge system, 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 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.

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.

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

**Independent bracing or support may be needed for the Riser Door weight.**