Datasheet

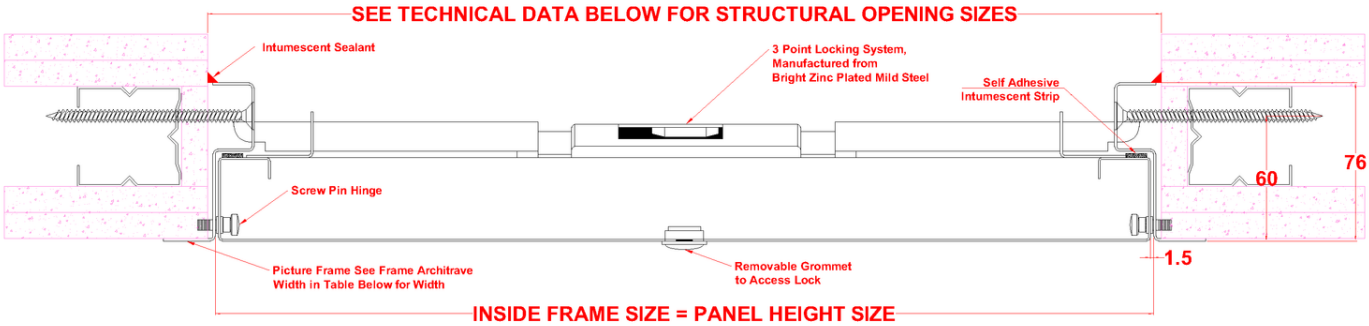
R13/060/MD/PF/L12A

Description

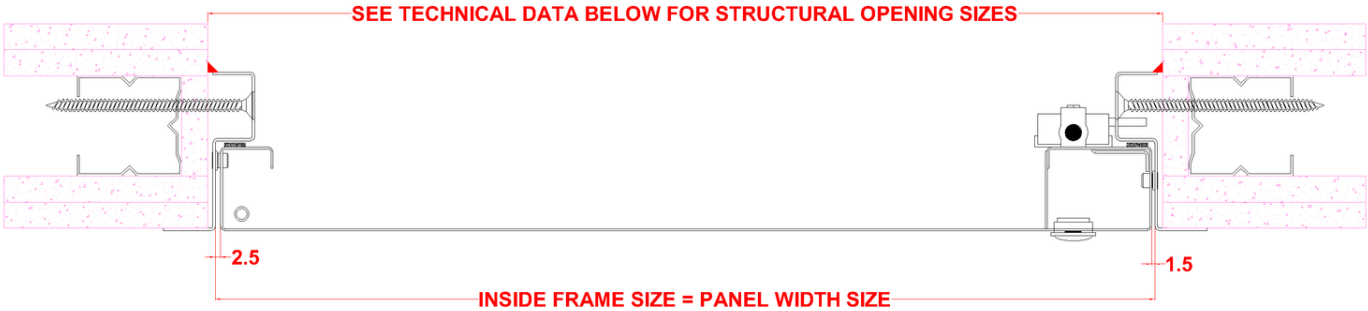
Cost Effective Riser Door, 1 Hour fire rated, Metal Door, 25mm wide Picture Frame, 3 Point Locking System, Single Door Unit, Powder Coated RAL 9010 30% Gloss.

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

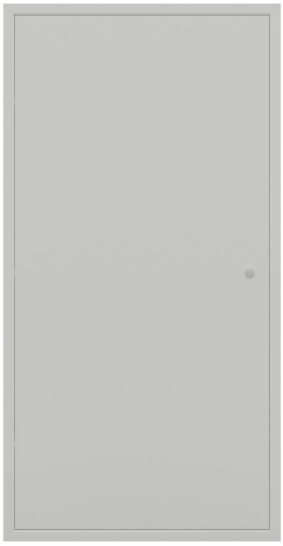
Section Drawing Height (H)



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	· 1 Hour Fire Rated
Fire Test Standard	· BS EN 1634-1: 2014+A1:2018
Fire Performance Rating	· Integrity (E)
Fire Tested Side	· Wall application Face (Room Side / opening towards the fire risk side)
Fire Tested Size H x W mm	2000x600mm
Assessed Maximum Panel Sizes	No increase permitted
Size range: Minimum to maximum (H × W mm). Fire Rated Panels: See assessed maximum panel sizes for allowable increases.	1201x300mm up to 2000x600mm
Smoke Tested	No Rating
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.
Flexible Wall Types	· The wall type shall provide a suitable medium to permit adequate fixity. · Other rated wall constructions, not listed below, may also be acceptable, subject to expert advice from a qualified fire consultant · Plasterboard clad steel stud partitions (exposed studs are not covered) · Non-loadbearing plasterboard-clad steel stud partitions with a minimum of 2no layers of 12.5 mm Type F (EN 520) plasterboard layers to each side. · Walls must be supported by fire resistance test evidence confirming they remain in place and intact for at least 60 minutes.
Rigid Wall Types	· Currently not Covered
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 6mm x 100mm Countersunk Self Drilling Drywall Screws
Frame Fixing Hole Distance back from the Face of the Panel	· 76mm
Permitted Gaps Between the Rear of the Frame and the Structural Opening	· 4mm Height x 4mm Width
Permitted Sealants	· Rockwool Fire Pro Intumescent Sealant
Application of Intumescent Sealants	· 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 - 100mm
Composition / Manufacturing	
Quality Category	Mid Range
Product Design Category	Standard Product
Ironmongery Details	· 3 Point Locking System. Bright Zinc Plated Mild Steel · 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	1.2mm
Door Steel Thickness	0.9mm
Door & Frame Material Grade	• Frame: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25 • Door Leaf: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25
Frame Depth	76mm
Board Infill Type	• None
Door Insulation Type	• None
Seal Type	• Envirograph G10/10 10mm x 2mm Self Adhesive Intumescent Strip • Sealed to All Door Closing Edges
Paint Type	• Polyester Powder Coated • 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.

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.