Datasheet

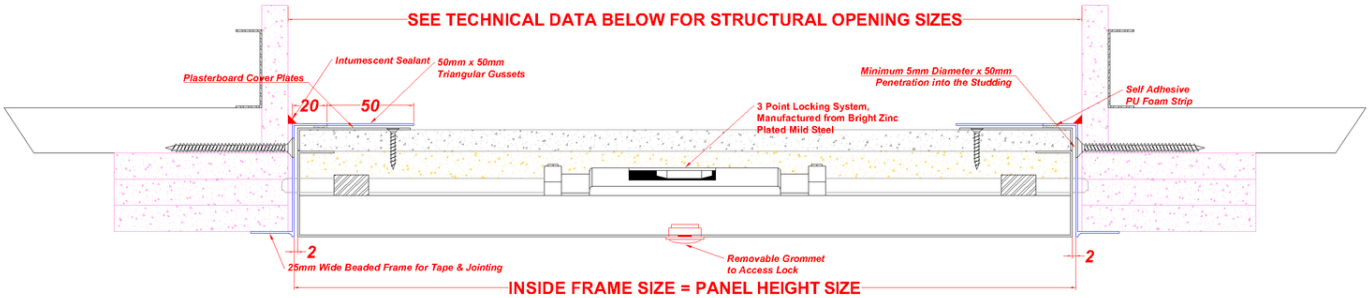
R05/120/MD/BF/L12A

Description

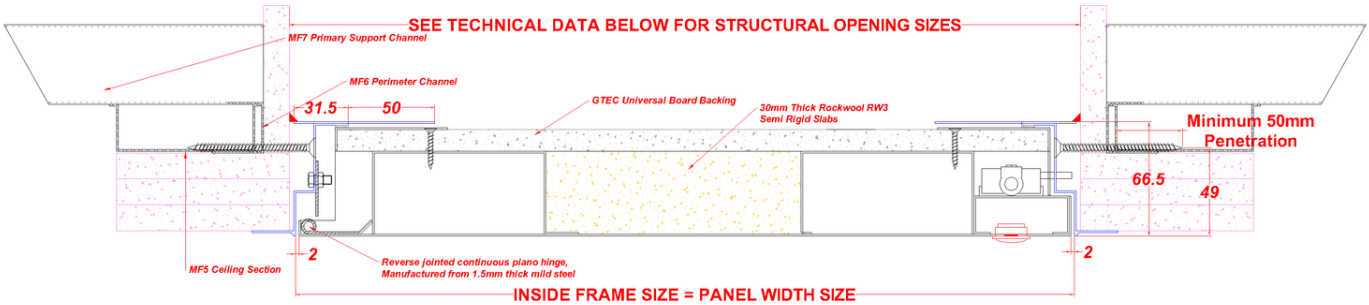
Metal Faced Ceiling Access Panel, 2 Hour fire rated, Metal Door, Beaded Frame, 3 Point Locking System, Single Door Unit, Powder Coated RAL 9010 30% Gloss.

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

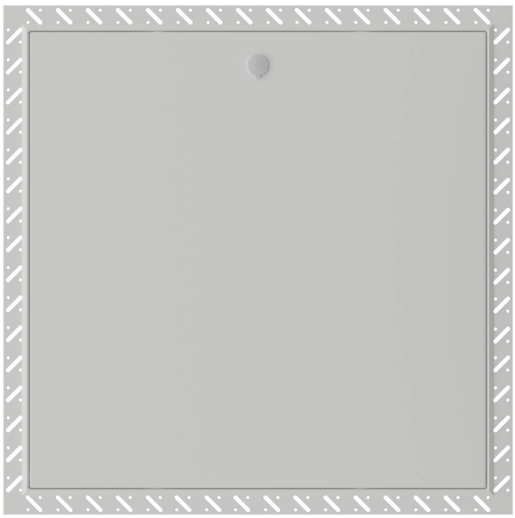
Section Drawing Height (H)



Section Drawing Width (W)



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



Technical Data	
Wall or Ceiling or Both (Dual)	Ceiling
Fire Rating	· 2 Hour Fire Rated
Fire Test Standard	· BS 476: PART 22: 1987
Fire Performance Rating	· Integrity (E)
Fire Tested Side	· Ceiling application Face (Room Side / opening down towards the fire risk side)
Fire Tested Size H x W mm	1000x1000mm
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.	300x300mm up to 1000x1000mm
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.
General Wall Types	· Not Suitable for a Wall Application
Ceiling Types	· Other rated ceiling constructions, not listed below, may also be acceptable, subject to expert advice from a qualified fire consultant · MF Ceiling System
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	· 2mm Height x 2mm 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 - 150mm x Panel Width - 175mm
Composition / Manufacturing	
Quality Category	Mid Range
Product Design Category	Standard Product
Ironmongery Details	· 3 Point Locking System. Bright Zinc Plated Mild Steel · Continuous steel Piano Hinge
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	66.5mm
Board Infill Type	· 12.5mm Thick GTEC Universal Board
Door Insulation Type	· 30mm Thick Rockwool RW3

Seal Type	· 8mm x 4mm Self Adhesive Light Grey PU Draught Foam Strip · Sealed to All Door Closing Edges
Paint Type	· Polyester Powder Coated · RAL 9010 30% Gloss Pure white

Installation Guide

1) Open the door, remove the piano hinge nuts & washers, 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 3 point locking bar positions in the side of the frame.

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 hinge over the hinge studs, even the gap out between the door and frame then tighten nuts & washers in place then close the door to check the door does not clash with the frame.

6) Apply sealant to the frame's rear, nominally 5mm wide sealing to the structural opening.

7) 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.

Before applying the plaster skim coat, apply joint filler and scrim tape over the junction between the beaded frame and plasterboard to prevent cracking.