Datasheet

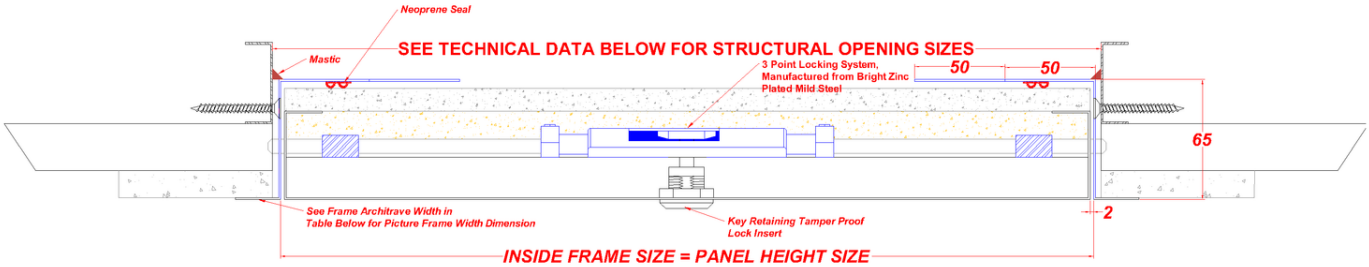
R05/000/MD/PF/L12A/L14A/40A

Description

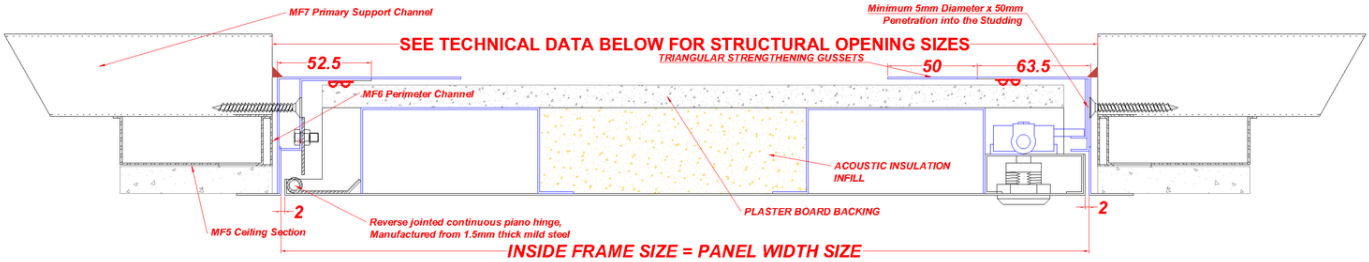
Metal Faced Ceiling Access Panel, Non fire rated, Metal Door, 25mm wide Picture Frame, 3 Point Locking System, Key Retaining Tamper Proof Key lock, Single Door Unit, 40 dB Acoustic Rated, Powder Coated RAL 9010 30% Gloss.

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		1D	N/A	40A

Section Drawing Height (H)



Section Drawing Width (W)



Technical Data

Wall or Ceiling or Both (Dual)	Ceiling
Fire Rating	· No Rating
Size range: Minimum to maximum (H × W mm). Fire Rated Panels: See assessed maximum panel sizes for allowable increases.	300x300mm up to 1200x800mm (Double Door Available for larger sizes)
Smoke Tested	No Rating
Airtightness Tested	No Rating
Acoustic Test Standard	EN ISO 140-3: 1995
Acoustic Rating	40dB
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	· MF Ceiling System · 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	· 49mm

the Face of the Panel	
Permitted Sealants	· Standard Acoustic 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 - 200mm x Panel Width - 250mm
Composition / Manufacturing	
Quality Category	Premium Range
Product Design Category	Standard Product
Ironmongery Details	· 3 Point Locking System. Bright Zinc Plated Mild Steel · Key Retaining Lock, Zinc Die Cast, Chrome Plated · Continuous steel Piano Hinge
Lock Security Level	Grade 3 – Medium to High 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	· 52mm Thick Acoustic 60kg Quietslab
Seal Type	· 9mm x 5.5mm White 'P' Profile Compression Self Adhesive Neoprene Seal · Sealed to All Door Closing Edges
Paint Type	· 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. 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.