Datasheet

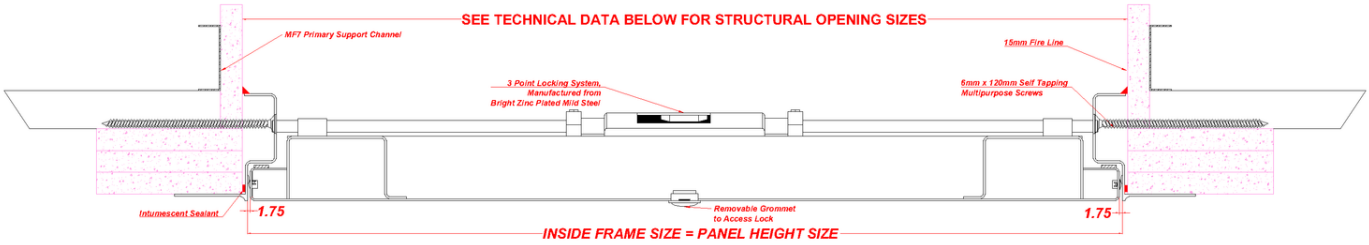
R55/090S/MD/BF/L12A

Description

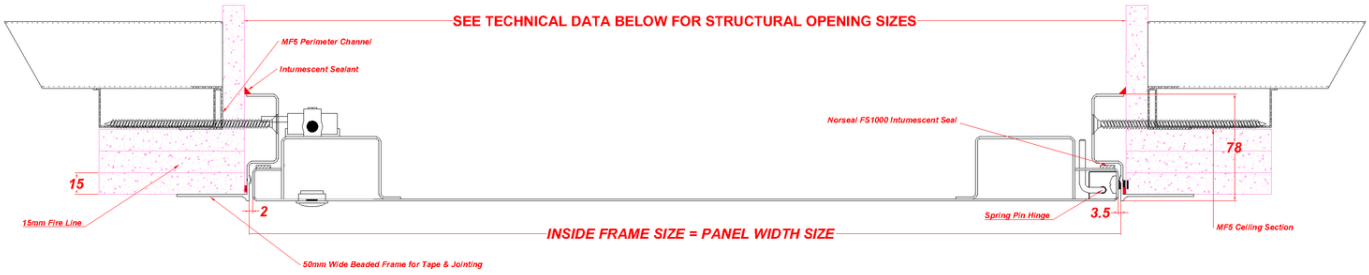
Metal Faced Ceiling Access Panel, Supplied with a Spring Pin Hinge System, 1.2mm Thick Door Leaf, 1.5mm Thick Frame, 90 Minute fire rated & Ambient Smoke Control Tested, Metal Door, Beaded Frame, 3 Point Locking System, Single Door Unit, Powder Coated RAL 9010 30% Gloss.

PRODUCT TYPE	FIRE RATING	SMOKE TESTED	DOOR TYPE	FRAME TYPE	MASTER LOCK TYPE	SECONDARY LOCK TYPE	NUMBER OF DOOR LEAVES	AIRTIGHT RATED	ACOUSTIC RATED
	90 min				1 2 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	• 90 Minutes Fire Rated
Fire Test Standard	• BS EN 1364-2: 2018
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	1800x900mm
Assessed Maximum Panel Sizes	No increase permitted
Size range: Minimum to maximum (H × W mm). Fire Rated Panels: See	300x300mm up to 1800x900mm

assessed maximum panel sizes for allowable increases.	
Smoke Test Standard	BS EN 1634-3: 2004
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 6mm x 120mm Countersunk Self Drilling Multi Purpose Screws
Frame Fixing Hole Distance back from the Face of the Panel	· 52mm
Permitted Gaps Between the Rear of the Frame and the Structural Opening	· 2mm Height x 2mm Width
Permitted Sealants	· Mann McGowan Pyromas A
Application of Intumescent Sealants	· Applied Behind the Frame to the Frame Jamb prior to installation · 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	Premium Range
Product Design Category	Standard Product
Ironmongery Details	· 3 Point Locking System. Bright Zinc Plated Mild Steel · 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)	· 50mm
Frame Steel Thickness	1.5mm
Door Steel Thickness	1.2mm
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	78mm
Seal Type	· Norseal FS1000 Self Adhesive Intumescent Foam Tape · 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) Position the frame in the aperture, ensuring the opening is 7 mm larger than the panel size. Mark the hinge and door retaining pin locations.
3) Remove the frame and drill the clearance holes at the marked positions.
4) Fix the frame into the aperture using all fixing points, ensuring it is square and flush with the ceiling. Apply intumescent sealant to the rear of the picture frame before installation.
5) Refit the door by inserting the spring pin hinge pin into the first hinge pivot point. Slide the opposite hinge across until the pin is fully seated in the second pivot hole. Once the pin is fully engaged, close the door to confirm smooth operation.
6) Apply a nominal 5mm bead of sealant to the rear of the frame, sealing it to the structural opening.
7) Lock the door with the key, ensuring it sits flush within the frame.

Independent bracing or support may be needed for the Access Panel 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.