Datasheet

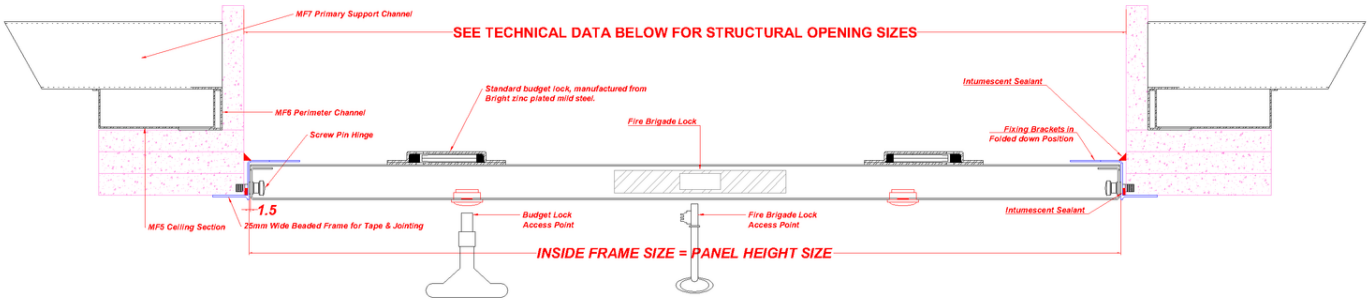
R01/090/MD/BF/L11A/L25A/FB2

Description

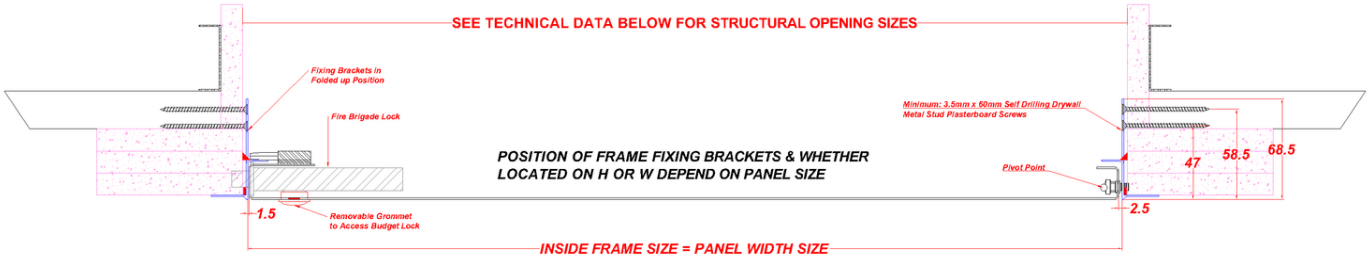
Metal Faced Shallow Ceiling Access Panel with extending fixing tabs, 90 Minute fire rated, Metal Door, Beaded Frame, Budget Lock, FB2 Fire Brigade Lock, Single Door Unit, Powder Coated RAL 9010 30% Gloss.

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	N/A				FB2	1D	N/A	N/A

Section Drawing Height (H)



Section Drawing Width (W)



Technical Data

Wall or Ceiling or Both (Dual)	Ceiling
Fire Rating	· 90 Minutes Fire Rated
Fire Test Standard	· BS EN 1364-2: 2018 with additional guidance from BS EN 1634-1:2014 + A1:2018.
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	1200x600mm
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.	400x150mm up to 1200x600mm
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.
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 3.5mm x 60mm Countersunk Self Drilling Drywall Screws
Frame Fixing Hole Distance back from the Face of the Panel	• 47mm & 58.5mm
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 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 - 60mm
Composition / Manufacturing	
Quality Category	Mid Range
Product Design Category	Bespoke / Special Configuration Product
Ironmongery Details	• Standard budget lock manufactured from Bright zinc plated mild steel • Fire Brigade FB2 Fire Brigade Dead Lock • Screw Pin Hinge, manufactured from Bright Zinc Plated (BZP) steel
Lock Security Level	Grade 3 – Medium to High Security
Frame Architrave Width (e.g. Picture / Beaded Frame)	• 25mm
Frame Steel Thickness	0.9mm
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	27mm
Board Infill Type	• None
Door Insulation Type	• None
Seal Type	• None
Paint Type	• Polyester Powder Coated • RAL 9010 30% Gloss Pure white

Installation Guide

1) Open the door, release the hinge bolts, 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 by bending up the frame fixing tabs. Using all fixing holes, ensure it is square and flush with the ceiling. Apply Intumescent Sealant to the rear of the Beaded Frame on the frame jamb before installation.

5) Refit the door by tightening up the hinge bolts back in position 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 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.