Datasheet

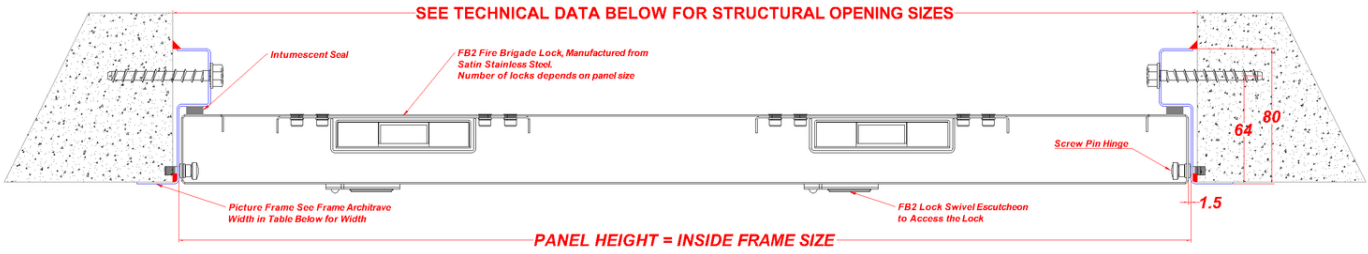
R13/120S/MD/PF/L25A/FB2

Description

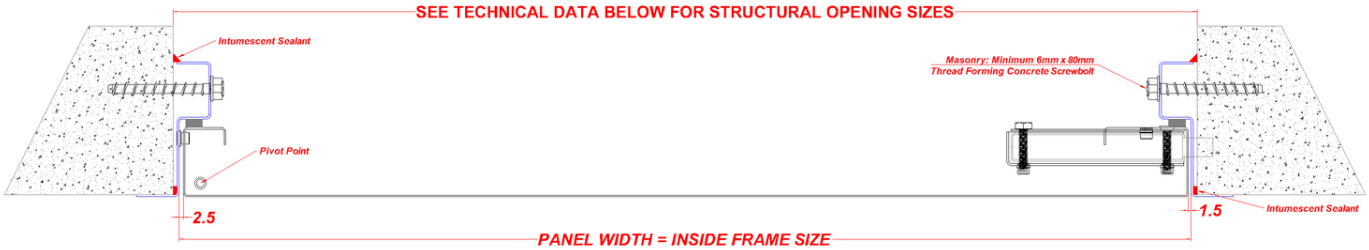
Metal Faced Wall Access Panel, 2 Hour fire rated & Ambient Smoke Control Tested, Metal Door, 25mm wide Picture Frame, FB2 Fire Brigade Lock, Single Door Unit, Powder Coated RAL 9010 30% Gloss.

PRODUCT TYPE	FIRE RATING	SMOKE TESTED	DOOR TYPE	FRAME TYPE	MASTER LOCK TYPE	SECONDARY LOCK TYPE	NUMBER OF DOOR LEAVES	AIRTIGHT RATED	ACOUSTIC RATED
	2hr				FB2	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	· 2 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	1200x600mm & 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.	600x300mm up to 2000x600mm
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.
Flexible Wall Types	· Currently not Covered
Rigid 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 · Blockwork masonry or homogenous concrete constructions · Masonry constructions (wall thickness and overall density must be equal to or greater than 140mm thick and 850 kg/m3). · Concrete walls (excluding no fines concrete) (wall thickness and overall density must be equal to or greater than 140mm thick and 850 kg/m3) · Walls must be supported by fire resistance test evidence confirming they remain in place and intact for at least 120 minutes.
Shaftwall Types	· Currently not Covered
Mixed Construction Wall Types	· Currently not Covered
Ceiling Types	· Not Suitable for a Ceiling Application
Frame Fixing Types	· Masonry: Minimum 6mm x 80mm Thread Forming Concrete Screwbolt
Frame Fixing Hole Distance back from the Face of the Panel	· 64mm
Permitted Gaps Between the Rear of the Frame and the Structural Opening	· 3.5mm Height x 3.5mm 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 - 40mm x Panel Width - 70mm
Composition / Manufacturing	
Quality Category	Mid Range
Product Design Category	Standard Product
Ironmongery Details	· Fire Brigade FB2 Fire Brigade Dead Lock · Screw Pin Hinge, manufactured from Bright Zinc Plated (BZP) steel

	• FB2 Lock Satin Stainless Steel Swivel Escutcheon
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	80mm
Board Infill Type	• None
Door Insulation Type	• None
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 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) Apply Intumescent Sealant to the rear of the Picture Frame before installation.

5) Fix the frame into the aperture using all fixing holes, ensure it is square and flush with the wall.

6) Refit the door by tightening up the hinge bolts back in position and closing the door. Apply sealant to the frame's rear, 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 Riser Door weight.