Datasheet

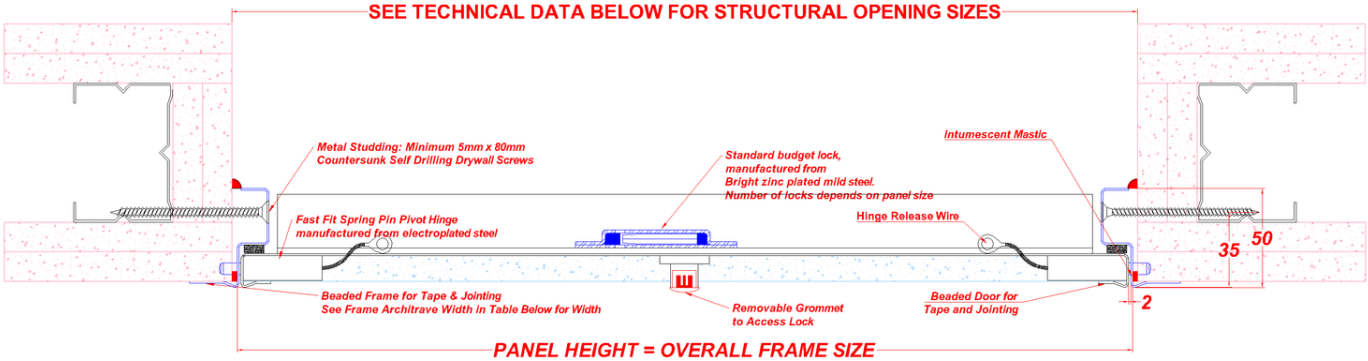
R56/120S/PD/BF/L11A/ATN/31A

Description

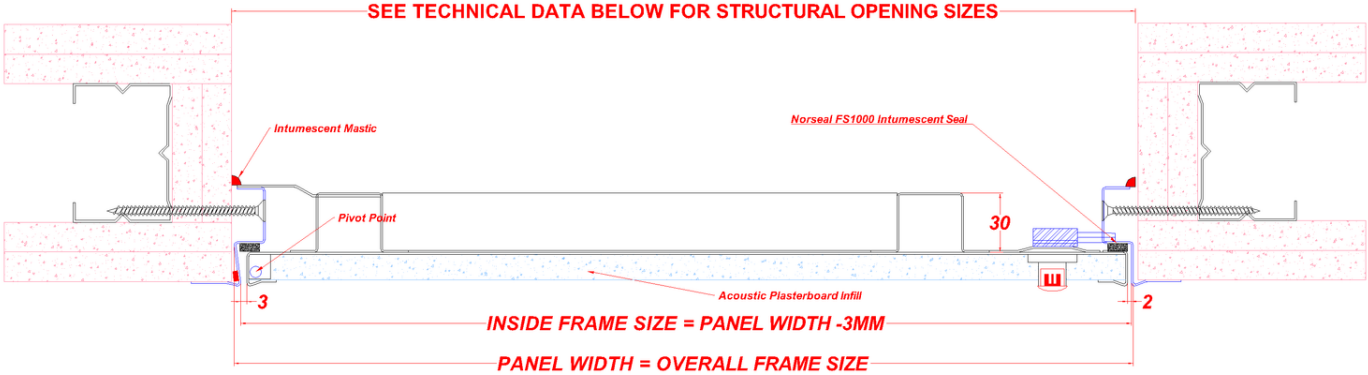
Plasterboard Faced Dual Purpose Access Panel, Supplied with a Spring Pin Hinge System with a Beaded door, 2 Hour fire rated & Ambient Smoke Control Tested, Plasterboard Door, Beaded Frame, Budget Lock, Single Door Unit, Airtight Panel, 31 dB Acoustic Rated, Powder Coated RAL 9010 30% Gloss.

PRODUCT TYPE	FIRE RATING	SMOKE TESTED	DOOR TYPE	FRAME TYPE	MASTER LOCK TYPE	SECONDARY LOCK TYPE	NUMBER OF DOOR LEAVES	AIRTIGHT RATED	ACOUSTIC RATED
	2hr					N/A	1D	2	31A

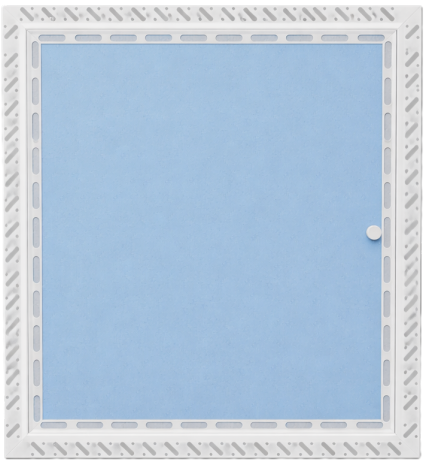
Section Drawing Height (H)



Section Drawing Width (W)



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



Technical Data	
Wall or Ceiling or Both (Dual)	Dual
Fire Rating	· 2 Hour Fire Rated
Fire Test Standard	· BS EN 1364-2: 2018 · 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) · 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.	250x250mm up to 1200x600mm
Smoke Test Standard	BS EN 1634-3: 2004
Air Permeability Test Standard	BS EN 1026: 2016
Air Permeability Rating	· 300Pa CLASS 2
Acoustic Test Standard	BS EN ISO 10140-2: 2010
Acoustic Rating	31dB
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	· 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 · Plasterboard clad steel stud partitions (exposed studs are not covered) · 2no layers of 15mm thick Gyproc Fireline to the face & rear of the partition. · The aperture must be lined with 2No layers of 15mm thick Gyproc Fireline. · Walls must be supported by fire resistance test evidence confirming they remain in place and intact for at least 120 minutes.
Rigid Wall Types	· Currently not Covered
Shaftwall Types	· Currently not Covered
Mixed Construction Wall Types	· Currently not Covered
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 · Board clad non-loadbearing suspended ceilings, utilising 3No layers of 10mm thick Glasroc F Multiboard.
Frame Fixing Types	· Metal Studding: Minimum 5mm x 80mm Countersunk Self Drilling Drywall Screws
Frame Fixing Hole Distance back from the Face of the Panel	· 35mm
Permitted Gaps Between the Rear of the Frame and the Structural Opening	· 2.5mm Height x 2.5mm 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	Overall Back of Frame Size
Clear opening size through the installed panel with the door leaf open	· Panel Height - 50mm x Panel Width - 75mm

at 90 degrees	
Composition / Manufacturing	
Quality Category	Mid Range
Product Design Category	Standard Product
Ironmongery Details	• Standard budget lock manufactured from 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)	• 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	50mm
Board Infill Type	• 12.5mm Thick GTEC dB Board
Door Insulation Type	• None
Seal Type	• Norseal FS1000 Self Adhesive Intumescent Foam Tape
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 pin locations.

3) Remove the frame and drill the clearance holes at the marked positions.

4) Apply Intumescent Sealant to the rear of the Beaded Frame on the frame jamb before installation.

5) Fix the frame into the aperture using all fixing points, ensuring it is square and flush with the ceiling.

6) 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.

7) Apply a nominal 5mm bead of sealant to the rear of the frame, sealing it to the structural opening.

8) Lock the door with the key, ensuring it sits flush within the frame.

Independent 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 the beaded door plasterboard to prevent cracking.