Datasheet

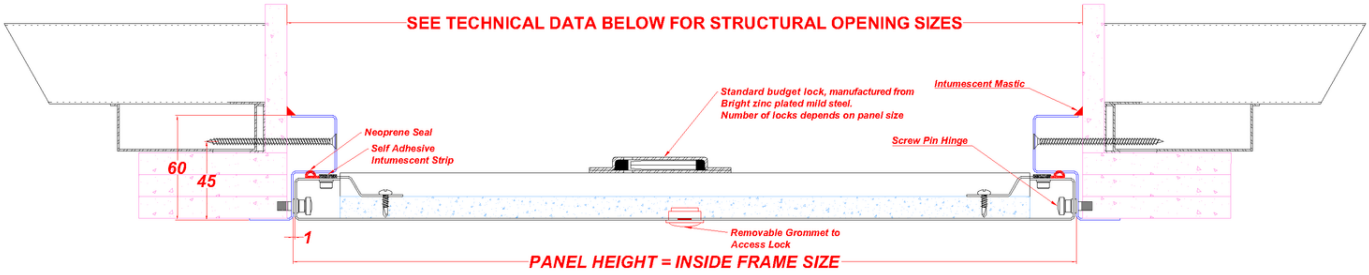
R13/060S/MD/PF/L11A/ATN/30A

Description

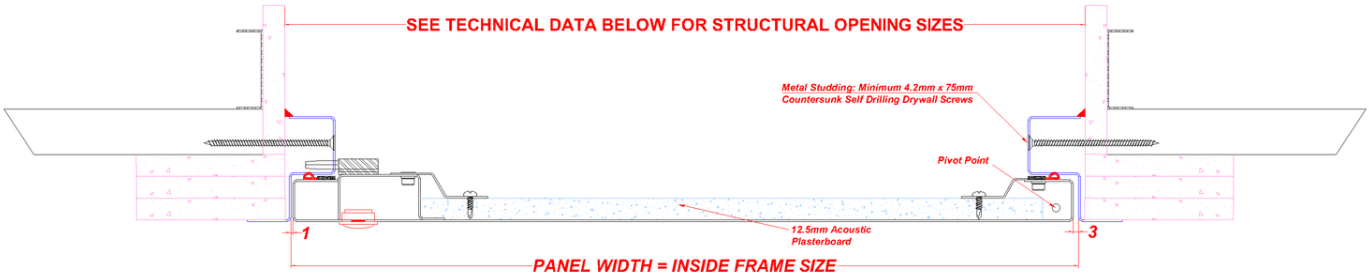
Metal Faced Dual Purpose Access Panel, 1 Hour fire rated & Ambient Smoke Control Tested, Metal Door, 25mm wide Picture Frame, Budget Lock, Single Door Unit, Airtight Panel, 30 dB Acoustic Rated, Powder Coated RAL 9010 30% Gloss.

PRODUCT TYPE	FIRE RATING	SMOKE TESTED	DOOR TYPE	FRAME TYPE	MASTER LOCK TYPE	SECONDARY LOCK TYPE	NUMBER OF DOOR LEAVES	AIRTIGHT RATED	ACOUSTIC RATED
	1hr					N/A	1D	2	30A

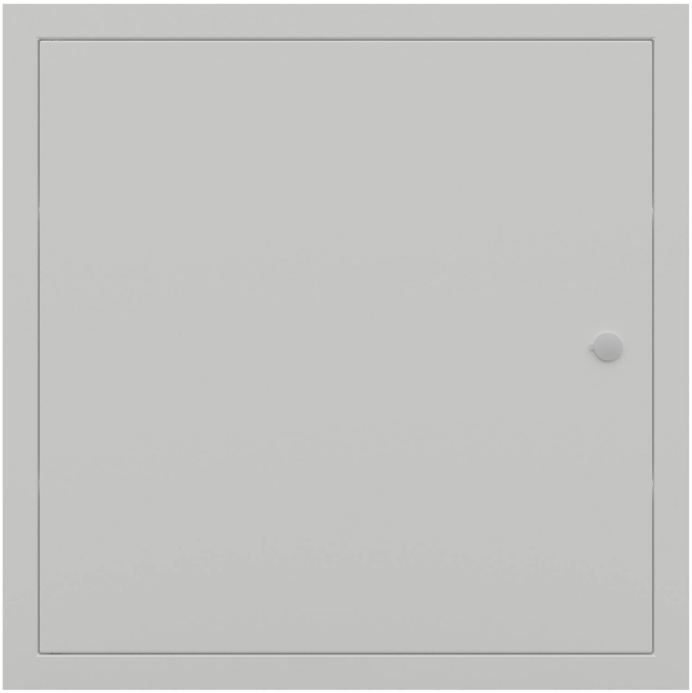
Section Drawing Height (H)



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	· 1 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	1200x1000mm
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.	450x601mm up to 1200x1000mm
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	30dB
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 timber stud partitions (exposed studs are not covered) · Plasterboard clad steel stud partitions (exposed studs are not covered) · The aperture must be lined with either 1No, 2No or 3No. layer(s) of 12.5mm or 15mm thick Type F plasterboard (EN520) · Walls must be supported by fire resistance test evidence confirming they remain in place and intact for at least 90 minutes.
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 · Masonry constructions (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 90 minutes.
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 4.2mm x 75mm Countersunk Self Drilling Drywall Screws · Masonry: Minimum 7.5mm x 80mm Spax Type Self Drilling Frame Anchor Screws
Frame Fixing Hole Distance back from the Face of the Panel	· 45mm
Permitted Gaps Between the Rear of	· 4mm Height x 4mm Width

the Frame and the Structural Opening	
Permitted Sealants	• Mann McGowan Pyromas A • Rockwool Fire Pro Intumescent Sealant • Fire-tested alternative sealants to BS EN 1363-1 or BS EN 1634-1 for the required fire resistance duration and substrates in this application.
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 - 50mm x Panel Width - 75mm
Composition / Manufacturing	
Quality Category	Mid Range
Product Design Category	Standard Product
Ironmongery Details	• Standard budget lock manufactured from Bright zinc plated mild steel • Screw Pin Hinge, manufactured from Bright Zinc Plated (BZP) 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	60mm
Board Infill Type	• 12.5mm Thick GTEC dB Board
Door Insulation Type	• None
Seal Type	• 9mm x 5.5mm White 'P' Profile Compression Self Adhesive Neoprene Seal • Envirograph G10/10 10mm x 2mm Self Adhesive Intumescent Strip • 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) 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 / wall. Apply Intumescent Sealant to the rear of the Picture Frame 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.