Datasheet

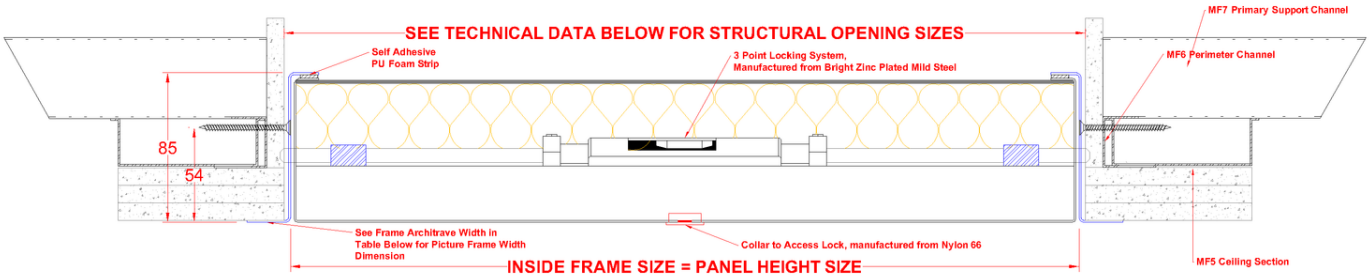
R12/030/MD/PF/L12A

Description

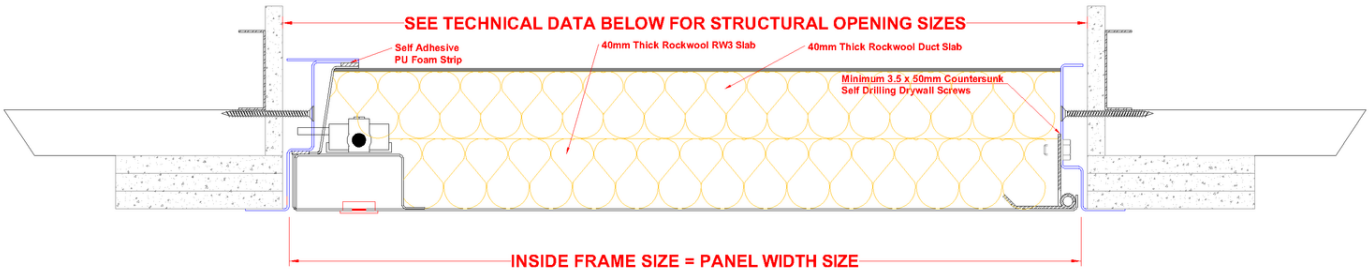
Metal Faced Insulated Loft Hatch, 30 Minute fire rated, Metal Door, 25mm wide Picture Frame, 3 Point Locking System, Single Door Unit, Powder Coated RAL 9010 30% Gloss.

PRODUCT TYPE	FIRE RATING	SMOKE TESTED	DOOR TYPE	FRAME TYPE	MASTER LOCK TYPE	SECONDARY LOCK TYPE	NUMBER OF DOOR LEAVES	AIRTIGHT RATED	ACOUSTIC RATED
	30 min	N/A			2 1 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	· 30 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	1200x900mm
Size range: Minimum to maximum (H × W mm). Fire Rated Panels: See assessed maximum panel sizes for allowable increases.	300x450mm up to 1200x900mm
Smoke Tested	No Rating
Airtightness Tested	No Rating
Acoustic Tested	No Rating
Calculated U Value (Not Tested) Part L Compliant	· This Product has a calculated U Value of 0.35 W/m2K
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 3.5mm x 50mm Countersunk Self Drilling Drywall Screws
Frame Fixing Hole Distance back from the Face of the Panel	· 54mm
Permitted Gaps Between the Rear of the Frame and the Structural Opening	· 2.5mm Height x 2.5mm Width
Permitted Sealants	· Not required
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 - 140mm
Composition / Manufacturing	
Quality Category	Mid Range
Product Design Category	Standard Product
Ironmongery Details	· 3 Point Locking System. Bright Zinc Plated Mild Steel · Continuous steel Piano Hinge
Lock Security Level	Grade 1 – Low 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	85mm
Board Infill Type	· None
Door Insulation Type	· 40mm Thick Rockwool RW3 · 40mm Thick Rockwool Duct Slab
Seal Type	· 8mm x 4mm Self Adhesive Light Grey PU Draught Foam Strip · Sealed to Three Closing Edges
Paint Type	· Polyester Powder Coated · RAL 9010 30% Gloss Pure white
Installation Guide	

1) Open the door, remove the piano hinge nuts & washers, 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 3 point locking bar positions in the side of the frame.

3) Remove the frame, drill clearance holes for the marked positions.

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

5) Refit the door by placing the hinge over the hinge studs, even the gap out between the door and frame then tighten nuts & washers in place then close the door to check the door does not clash with the frame.

6) Lock the door with the key, ensuring it is flush with the frame.

Independent bracing or support may be needed for the Loft Hatch weight.