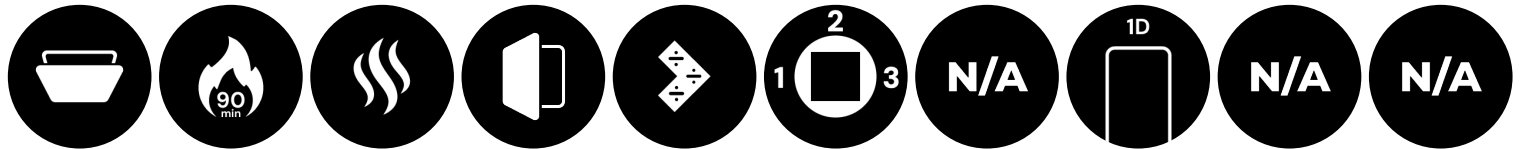




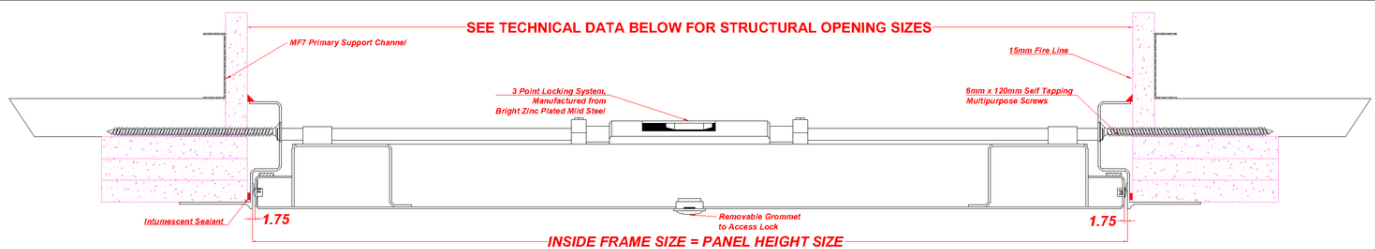
## Description

Metal Faced Ceiling Access Panel, Supplied with a Spring Pin Hinge System, 1.2mm Thick Door Leaf, 1.5mm Thick Frame, 90 Minute fire rated & Ambient Smoke Control Tested, Metal Door, Beaded Frame, 3 Point Locking System, Single Door Unit, Powder Coated RAL 9010 30% Gloss.

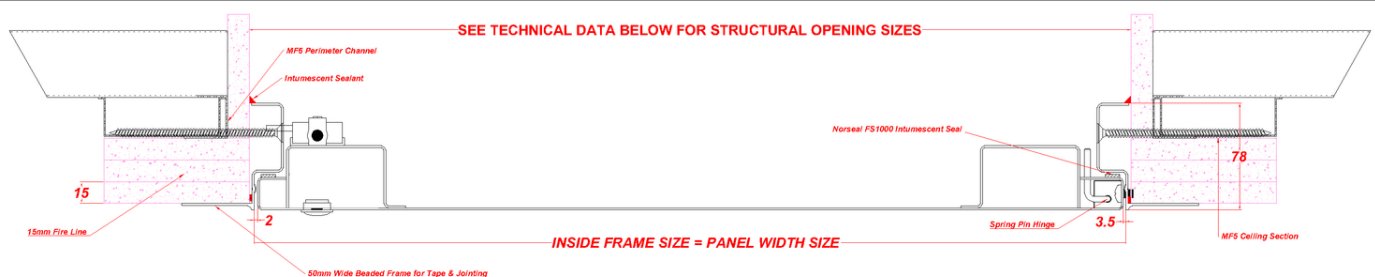
| PRODUCT TYPE | FIRE RATING | SMOKE TESTED | DOOR TYPE | FRAME TYPE | MASTER LOCK TYPE | SECONDARY LOCK TYPE | NUMBER OF DOOR LEAVES | AIRTIGHT RATED | ACOUSTIC RATED |
|--------------|-------------|--------------|-----------|------------|------------------|---------------------|-----------------------|----------------|----------------|
|--------------|-------------|--------------|-----------|------------|------------------|---------------------|-----------------------|----------------|----------------|



## 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                                                       | • 90 Minutes Fire Rated                                                          |
| Fire Test Standard                                                | • BS EN 1364-2: 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                                         | 1800x900mm                                                                       |
| Assessed Maximum Panel Sizes                                      | No increase permitted                                                            |
| Size range: Minimum to maximum (H x W mm). Fire Rated Panels: See | 300x300mm up to 1800x900mm                                                       |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| assessed maximum panel sizes for allowable increases.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                 |
| 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.                 |
| 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<br>• MF Ceiling System |
| Frame Fixing Types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | • Metal Studding: Minimum 6mm x 120mm Countersunk Self Drilling Multi Purpose Screws                                                                            |
| Frame Fixing Hole Distance back from the Face of the Panel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | • 52mm                                                                                                                                                          |
| Permitted Gaps Between the Rear of the Frame and the Structural Opening                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | • 2mm Height x 2mm Width                                                                                                                                        |
| Permitted Sealants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | • Mann McGowan Pyromas A                                                                                                                                        |
| Application of Intumescent Sealants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • Applied Behind the Frame to the Frame Jamb prior to installation<br>• 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 - 100mm                                                                                                                     |
| <b>Composition / Manufacturing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                 |
| Quality Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Premium Range                                                                                                                                                   |
| Product Design Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Standard Product                                                                                                                                                |
| Ironmongery Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • 3 Point Locking System. Bright Zinc Plated Mild Steel<br>• 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | • 50mm                                                                                                                                                          |
| Frame Steel Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.5mm                                                                                                                                                           |
| Door Steel Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.2mm                                                                                                                                                           |
| Door & Frame Material Grade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | • Frame: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25<br>• Door Leaf: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25                                  |
| Frame Depth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 78mm                                                                                                                                                            |
| Seal Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | • Norseal FS1000 Self Adhesive Intumescent Foam Tape<br>• Sealed to All Door Closing Edges                                                                      |
| Paint Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | • Polyester Powder Coated<br>• RAL 9010 30% Gloss Pure white                                                                                                    |
| <b>Installation Guide</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                 |
| 1) Open the door, release the Spring Pin hinge system, and lift the door out of the frame.<br>2) Position the frame in the aperture, ensuring the opening is 7 mm larger than the panel size. Mark the hinge and door retaining pin locations.<br>3) Remove the frame and drill the clearance holes at the marked positions.<br>4) Fix the frame into the aperture using all fixing points, ensuring it is square and flush with the ceiling. Apply intumescent sealant to the rear of the picture frame before installation.<br>5) 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.<br>6) Apply a nominal 5mm bead of sealant to the rear of the frame, sealing it to the structural opening.<br>7) Lock the door with the key, ensuring it sits flush within the frame. |                                                                                                                                                                 |
| <b>Independent bracing or support may be needed for the Access Panel weight.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                 |

Before applying the plaster skim coat, apply joint filler and scrim tape over the junction between the beaded frame and plasterboard to prevent cracking.