

# DATA SHEET

## Profilex FR1 ceiling Panel Beaded frame

### Specification

**Application: Ceilings only**  
**Performance: 60 minutes fire rated**  
**Lock: Budget lock**  
**Frame: Beaded frame**  
**Door: Flush metal door**  
**Size (mm): 450x450**  
**Product code: 5200115139**  
**Weight (kg): 6**

### General information

A 1 hour fire rated, beaded frame access panel, for application in ceilings, making access to hidden services easy and quick. This panel is widely specified for MF ceiling systems where fire resistance is required. It is covered by British Gypsum SpecSure<sup>®</sup> Lifetime Warranty system, which ensures quality and technical support throughout the building life span. Could serve as a base for any bespoke access panel required. Fitted with a safety chain for ongoing safety post installation.

### Description

The panel is designed to seamlessly fit within plasterboard constructions. The panel has a one-hour fire resistance certificate, the door is internally lined with 50 mm thick Isover APR (1200) to ensure superior fire rating. Fitted with a budget lock, a flush metal face, manufactured in zinc coated mild steel, and finished in powder coat etch primer white. Intumescent fire and smoke seals fitted around perimeter of the frame. It is fitted with a beaded frame for taping and jointing or skim finish for non-visible frame. It is ready for on-site decoration. Gloss white finish available upon request.

Hinge: Removable pin hinge.

Door: removable

### Dimensions

Panel is manufactured in 6 standard dimensions, further sizes available on request.

Standard dimensions are as follows – hinge side stated first (mm):

300 x 300  
450 x 450  
300 x 600  
600 x 300  
900 x 600  
1200 x 550

### Installation

1. Insert frame into prepared aperture. Ensure the pre-cut hole is 10mm larger on each side of the access panel.
2. For large size, heavy panels, take the door off.
3. Using screws, fix the frame into the framework / masonry ensuring:
  - The fixings are made using the pre-prepared holes on all 4 sides of the frame - it helps to prevent cracking.
  - When screwing through the beaded frame flange, ensure that the heads of the screws are below the edge of the frame, spaced at 150mm centres.
4. Replace the door if removed. When the door is shut, ensure the gap between the panel and the door is equal all around.
5. Apply tape directly over where the beaded frame meets the plasterboard (to assist in preventing cracking).
6. Finish with plaster or joint compound.
7. Decorate as required.

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## Fire Ratings

All Profilex Access Panels are tested in accordance with BS476: Part22: 1987. All tests were carried out at The Building Test Centre at British Gypsum, East Leake.

Below summaries our range and certificates

Panel range	Type of protection	EN / BS	Test number
Non-Fire rated access panels	n/a	n/a	No test required – non fire rated
FR1 Wall panels	Integrity	BS	BTC 17168F
FR1 Wall panels	Integrity	BS	BTC 17468F - Panel A
FR1 Wall panels	Integrity	BS	BTC 17468F - Panel D
FR1 Ceiling (Metal faced)	Integrity	BS	BTC 17469F - Panel 3
FR1 Ceiling (Plasterboard faced)	Integrity	BS	BTC 17469F - Panel 4
FR1 Ceiling (Metal faced)	Integrity	BS	BTC 17469F - Panel 5
FR1 Ceiling (Metal faced)	Integrity	BS	BTC 17469F - Panel 6
FR1 Loft Hatch Panel (Metal Faced)	Integrity	BS	BTC 17469F - Panel 1
FR2 panel	Integrity	BS	BTC 2047F

## Maintenance

Profilex Access Panels are designed to be maintenance free. An occasional wipe over to remove any marks on the paintwork finish is sufficient. The piano hinge and lock mechanism may be oiled periodically if required, with a standard metal lubricant, to ensure trouble-free door operation.

## Spares

A range of spare and replacement parts are available. Please contact Artex Ltd. at the address shown on this leaflet for details of your nearest stockist.

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