



### Description

This panel is designed to fit into a structural membrane of a joint-less plasterboard wall system. It is manufactured with a 50mm Wide Beaded frame for tape and jointing / skim-coat plastering. The panel has a Metal faced door. The panels door leaf is locked in place via a 3 Point Locking System as standard other lock options are available upon request. The Panel is Powder Coated RAL 9010 30% Gloss. Other colours available upon request.

### Tests

The Panel is 2 Hour Fire Rated for integrity up to 2400X900mm in a wall application tested in accordance with BSEN 1634-1: 2014 and BSEN 1363-1: 1999. The Panel can be fitted into any type of 2 hour fire rated construction as long as this is built to a 2 hour specification.

The Panel is acoustic rated to 36dB tested in accordance with BS EN ISO 10140-2:2010.

The Panel is Air Pressure tested to Class 3 when tested at 600Pa in accordance with BS EN 1026: 2016 methods of testing.

The Panel is Smoke tested to 25pa tested in accordance with BS EN 1634-3: 2004.

### Manufacture

The EX51-120S-MD-BF-3W-36A-AT is manufactured from Zintec Steel with a 1.2mm thick Door and a 1.5mm Frame. Fast Fit Hinge System which saves time on fitting compared to a Full Piano Hinge system.

### Seals:

Intumescent Seals **YES** Draught Seals **YES** Smoke Seals **YES** Air Seals **NO** Acoustic Seals **YES**

### Fitting

Make sure the structural opening is at least 7mm larger than the panel size, back of frame size. E.G a 600x600mm panel size requires a 607x607mm hole size. Remove the door from the frame and place the frame into the set hole. Fix through the appropriate fixing holes within the fold up fixing tabs ensuring the frame is pushed up against the structural opening surround. Check the frame is square by measuring corner to corner. Refit door and lock in place; the door and frame should be flush. Independent bracing or support may be required to take the weight of the Access Panel. (Please note that it is important that prior to applying the plaster skim coat, a joint filler and a scrim tape is applied over the junction between the beaded frame and the plasterboard in order to prevent cracking of the skim coat) Apply Intumescent acrylic mastic on both faces of the frame, nominally 5mm wide sealing to the supporting construction.