



Code: R33

**Ei60 Access Panel**

CI/Sfb (35.5) Xh

**60 Minute Insulation & 120 Minute Integrity**



Ei60 Fire Rated Access Panels provide fire-rated protection, with two-hour integrity and one-hour insulation for openings in walls for access to building engineering services.

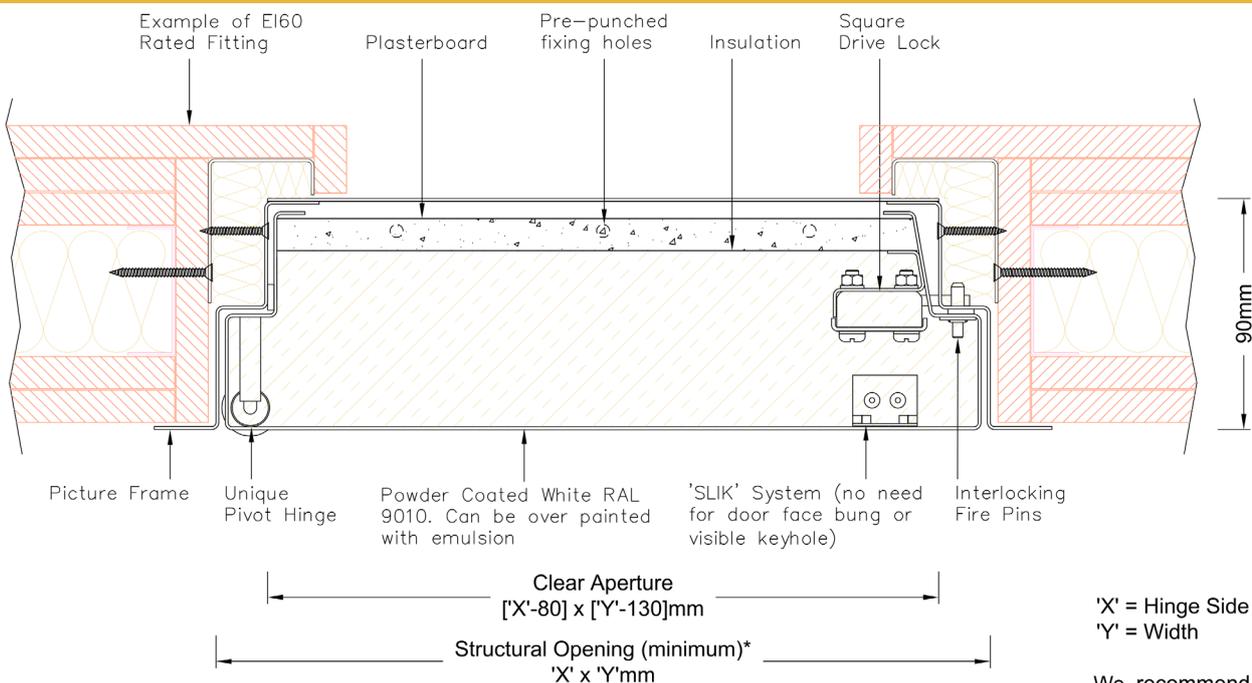
Ei60 doors are factory fitted with removable pivot hinge with inserted steel pins located into holes in the frame.

Finished in powder-coated white they can be overpainted to blend with the surrounding surface or specify your own RAL colour to get your perfect match. The Ei60 Fire Rated Access Panel is a high-quality robust solution suitable for everyday use and

fitted with the 'SLIK' invisible keyhole as standard, giving your client all the discrete advantages possible with an access panel.

There are two frame options for the Ei60 Fire Rated Range. A beaded frame type (SBF) with perforated flange to key into the surrounding membrane. This is used where the surface has yet to be skimmed or tape and jointed. Or the picture frame, (PF), where the solid flange sits on the surface of the wall or ceiling. This covers the cut edge of the aperture and is used when the surface has already been finished and decorated.

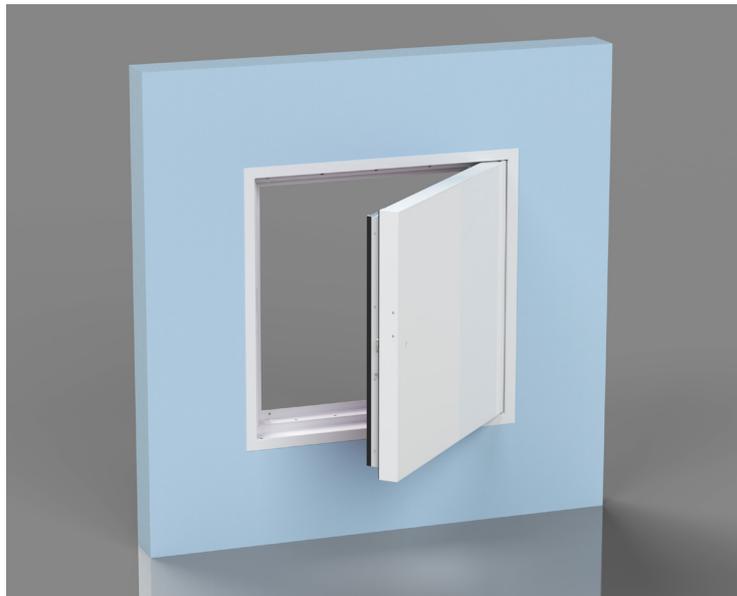
***Our design office will be pleased to tailor a drawing to your exact requirement in your preferred format from 3D rendering images to line drawn DXF, DWG or other CAD formats.***



We recommend 10mm clearance around panel



**60 Minute Insulation**



**120 Minute Integrity**

### **Technical & Fitting Details**

**Door Tray & Frame** - Formed from 1.0mm and 1.2mm Zintec electrogalvanised mild steel with a 25mm wide frame either perforated or solid finished in polyester powder coat white RAL 901 O 20% Gloss.

**Hinge & Lock Mechanism** - Factory fitted removable pivot hinge with inserted steel pins located into holes in the frame. Square drive operated lock riveted to the return fold of the door tray with tongue locating into a slot in the frame. Keyhole concealed by the patented SLIK invisible keyhole system.

**Fire Rating** - Available with up to 2 hours Integrity fire rating With the following further classifications: EI290, EI260, EI245, EI230, EI220, EI215, E120, E90, E60, E45, E30, E20, E15. testing undertaken independently by Exova Warringtonfire meeting both EN and BS standards in UKAS approved test laboratories. Certification is available upon request.

**Further Information** - CAD DXF cross-section drawings and full technical specifications are available on request. Please call or email a member of our technical team for further information.

**Availability** - This product is built to order, please call our technical sales team for more information.

### **Operation & Maintenance**

**Operation** - Using the "T" key supplied push the SLIK invisible keyhole system aside, engage the key into the lock then open and close while supporting the door. The SLIK system replaces itself automatically to conceal the keyhole.

### **Stock Sizes**

200 x 200 mm	600 x 300 mm	900 x 600 mm	1200 x 600 mm
300 x 300 mm	550 x 500 mm	900 x 900 mm	1200 x 600 mm
450 x 450 mm	600 x 600 mm	1200 x 550 mm	

**Fitting Preparation** - Prepare a clear trimmed and protected opening in the structure 10mm larger than the ordered panel. When applicable create cut-outs for the pivot hinges approx. 10mm x 6mm so the pivot operation is clear.

**Fitting** - Screw fix using suitable screws through the pre-punched holes to all four sides of the frame. Use all fixing holes provided and the flange fixing holes in the SBF frame type. Finish the beaded frame in the same way as any plaster stop bead.

Complete the operation with door in frame where possible. To remove the door from the frame remove the pivot hinge plate with a cross-head screwdriver or unbolt the piano hinge. When refitting and after any installation ensure the pivot hinge plates are fully located and flat to the inside edge of the door tray, that the piano hinge nuts are tight and if fitted, the retaining chains are in place.

**Air Tightness** - Thermally insulated and air-sealed options available, complying to building regulations parts L 1 and L2, BS EN 12207:2000 BS EN 1026:2000

**Acoustic Rating** - More information available upon request.

**Maintenance** - Avoid abrasive cleaning materials. Annually or more frequently if used very regularly check the operation, especially the hinge points and lock. Tighten or oil as required.