

Anti-Ligature Access Panels

(Insulated for Ceilings)

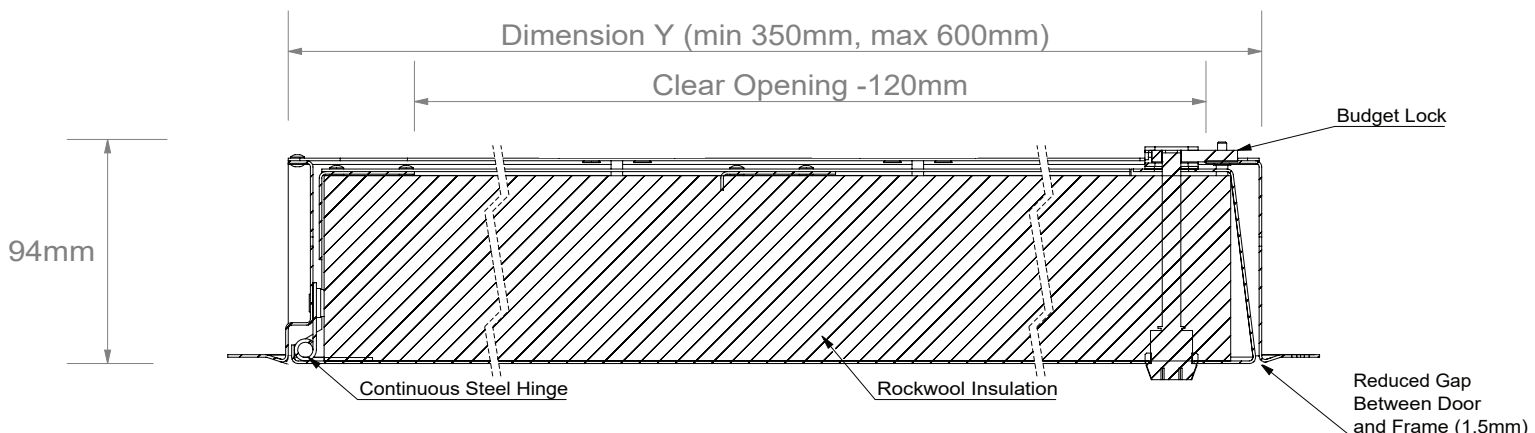


Key Features

- Steel access door
- Unique concealed piano hinge design
- Reduced gaps between door and frame
- Available fire rated and smoke sealed
- 44dB acoustic reduction as standard
- Reduced 10mm fully welded picture frame or beaded frame option
- Sealed anti-ligature radial pin tumbler lock as standard

The **Anti-Ligature Access Panel** provides high quality opening in ceilings for access to building or engineering services. The doors are finished in powder-coated white and can be over painted to blend with the surrounding surface. The panel has a full length piano hinge and is fitted with a sealed radial pin tumbler lock with **no opportunity for a ligature point**. Openings and front facing holes have been removed to further reduce the opportunity for ligature points.

The panel can be specified with **insulation, fire rating, acoustic reduction** and an alternative **Euro-Cylinder** locking mechanism. There are two frame options for the **Anti-Ligature Access Panel**. A **beaded frame** type with perforated flange to key into the surrounding membrane. This is used where the surface has yet to be skimmed or taped and jointed. Or the **picture frame**, where a reduced flange sits on the surface of the ceiling. This covers the cut edge of the aperture and is used when the surface has already been finished and decorated. This can be used in lower risk environments.



Contact us for a factory tour or to arrange an on site demonstration

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Door Tray & Frame

Formed from **1.0** and **1.2mm** Zintec electrogalvanised mild steel with a **10mm** wide frame either perforated or solid, finished in polyester **powder-coated white (RAL 9010, 20% gloss)** as standard. Other RAL colours and finishes are available upon request.

Hinge & Lock Mechanism

Factory fitted concealed piano hinge. **Radial Pin Tumbler** lock supplied as standard.

Fire Rating

Available with a fire rating of **up to 2 hours**. Fire testing undertaken independently meeting both **EN and BS standards** in **UKAS approved test laboratories**. Certification available upon request.

Availability

Anti-Ligature Access Panel are **manufactured to order**. Bespoke sizes available. For current lead times please call or email a member of our technical team.

Fitting

Prepare a **clear trimmed and protected opening** in the structure **5mm** larger than the ordered panel.

Screw fix using **50mm** drywall steel screws through the **pre-punched holes** to all four sides of the frame. Use all fixing holes provided. Face fix through the flange fixing holes in the **beaded frame** type. Finish the **beaded frame** with scrim tape in the same way as any plaster stop bead. To maintain even gaps between door and frame complete the operation with door in frame where possible.

To remove the door from the frame remove the piano hinge with a **10mm** spanner. When refitting and after any installation ensure the piano hinge plates are **secure** and if fitted, the retaining chains are in place.

Acoustic Rating

Acoustic reductions from **44dB**, complying with **BS EN ISO 140-3:1995**.

Online Support

See website for **fitting guides** and **videos**. **DXF, DWG, CAD, PDF, BIM cross-section drawings** and full technical specifications.

Operation & Maintenance

Using the RPT key supplied, engage the key into the lock ensuring you push forward as you turn the key.

Avoid **abrasive cleaning materials**. Check operation annually, or more frequently if used regularly, especially the hinge points and lock. Tighten or oil as required.

Standard Sizes

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450 x 450	600 x 600	900 x 600
1200 x 600		

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