

Anti-Ligature Access Panels

(Insulated for Ceilings) Range: 91

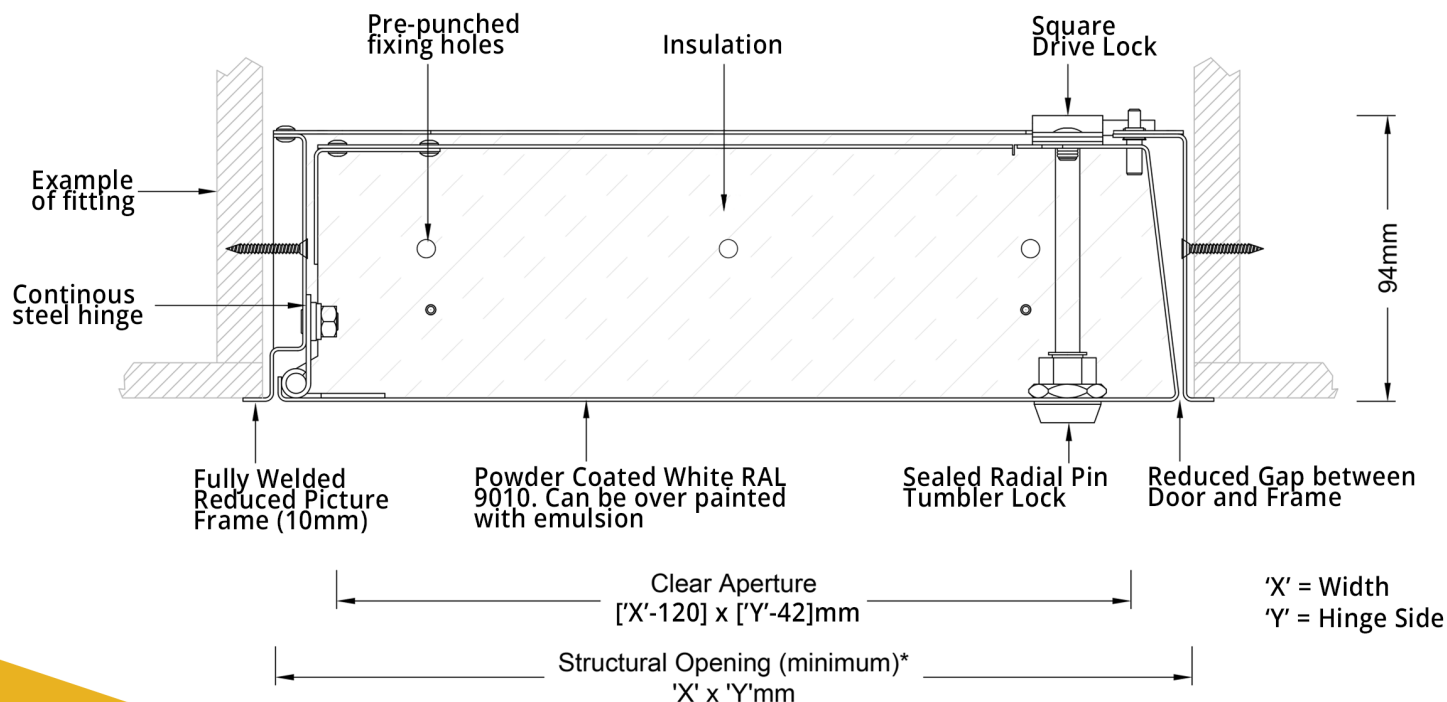


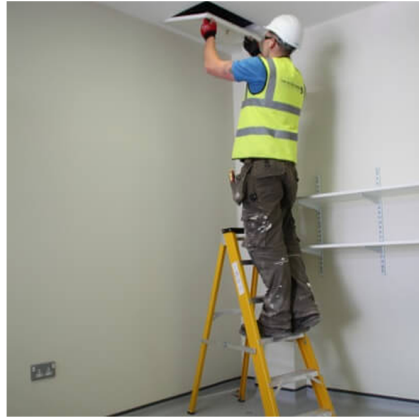
Key Features

- 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 tape and jointed. This can be used in lower risk environments. 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.





Technical & Fitting Details

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 coat white RAL 9010 20% Gloss as standard, other RAL colours and finishes available upon request.

Hinge & Lock Mechanism

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

Fire Rating

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

Availability

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

Standard Sizes (mm)

450 x 450	600 x 600	900 x 600
1200 x 600		
Hinge Side always stated first		Bespoke sizes available

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 SBF 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 to 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. Annually or more frequently if used very regularly check the operation, especially the hinge points and lock. Tighten or oil as required.

