

# Alto Ceiling Hatches

(Pivoting Hinge Version)

Range: 3



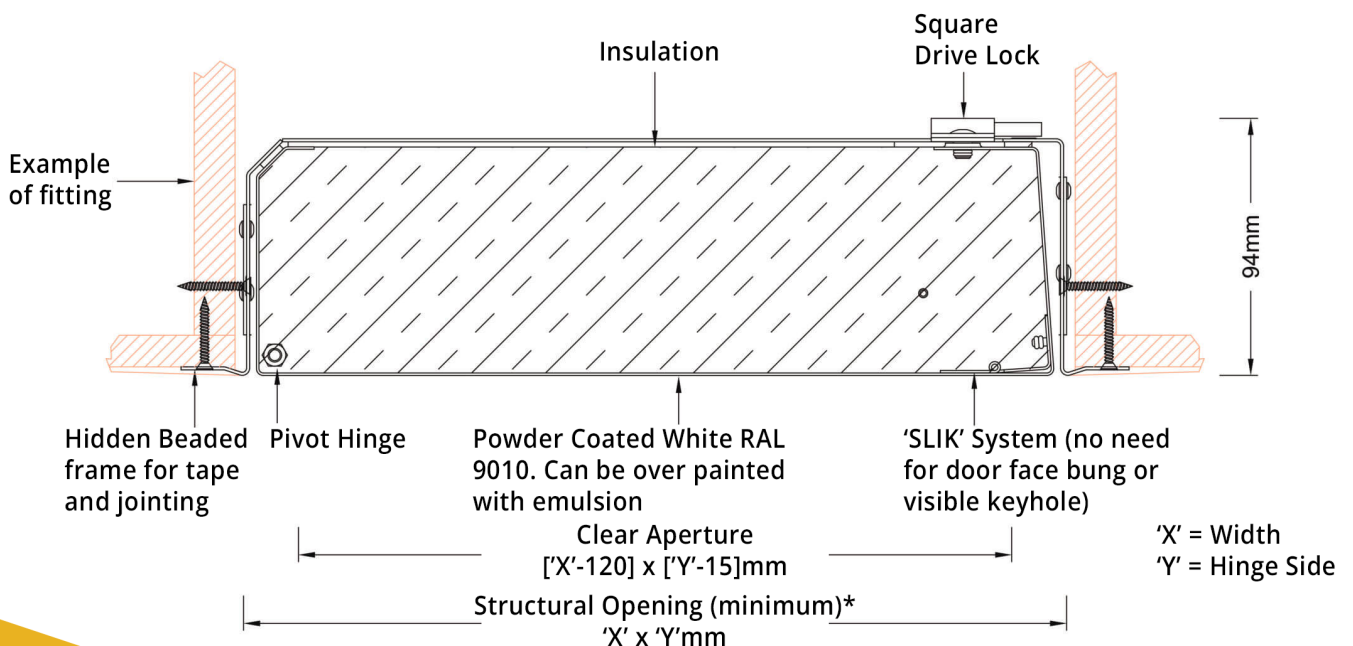
## Key Features

- Minimalist look
- Can be painted over to blend into the surrounding surface
- Spring loaded invisible keyhole system
- Picture frame option
- Beaded frame option
- 1 hour fire rating
- Pre-punched fixing holes for simple installation
- Insulated
- Draught Stripped

The Alto Ceiling Hatch provides a high quality, discreet opening in ceilings for domestic or commercial use. Supplied as standard with the Invisible Keyhole SLIK system, the door can be opened from ground level with an optional long handled key.

The door is finished in powder-coated white and can be painted over to blend with the surrounding surface. The Alto Ceiling Hatch complies with all building regulations for insulation, air tightness, L1 & L2, NHBC size requirements, robust documentation and is fire rated.

There are two frame options. The Invisible beaded frame for plastering into the membrane of the ceiling. Or the Picture Frame, where the solid 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 25mm wide picture or beaded frame finished in polyester powder coat white RAL 9010 20% Gloss.

### Hinge & Lock Mechanism

Fixed pivot hinge system. Square drive operated lock riveted to the return fold of the door tray with keyhole concealed by the patented SLIK invisible keyhole system. Euro cylinder, Radial Pin tumbler and three point lock options also available.

### Fire Rating

Available with up to 1 hour fire rating. Fire testing undertaken independently meeting both EN and BS standards in UKAS approved test laboratories. Certification available upon request.

### Availability

Standard sizes available from stock with bespoke sizes to order. Please contact our technical sales team for more information.

### Air Tightness

Thermally insulated and air-sealed options available, complying to building regulations parts L1 and L2, BS EN 12207:2000 BS EN 1026:2000.

### Fitting

Prepare a clear trimmed and protected opening in the structure 5mm larger than the ordered panel. Piano hinged versions require greater clearance to the hinged side depending on the panel size. Contact us for details

Screw fix using suitable screws through the countersunk pre-punched holes to all four sides of the frame to all fixing points. Complete the operation with door in frame. Do not remove the door from the frame. The pivot hinged door solution must be fitted as a complete unit.

### Insulation

Thermally insulated with 100mm of high performance Rockwool insulation equating to 0.35W/m<sup>2</sup>k U-value.

### Acoustic Rating

Available to a maximum reduction of 44 dB Rw. Testing carried out under laboratory conditions to BS EN ISO140-3:1995 by an independent test centre. More information available upon request.

### 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 "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 springs back automatically to conceal the keyhole.

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.

