

Loft Hatches



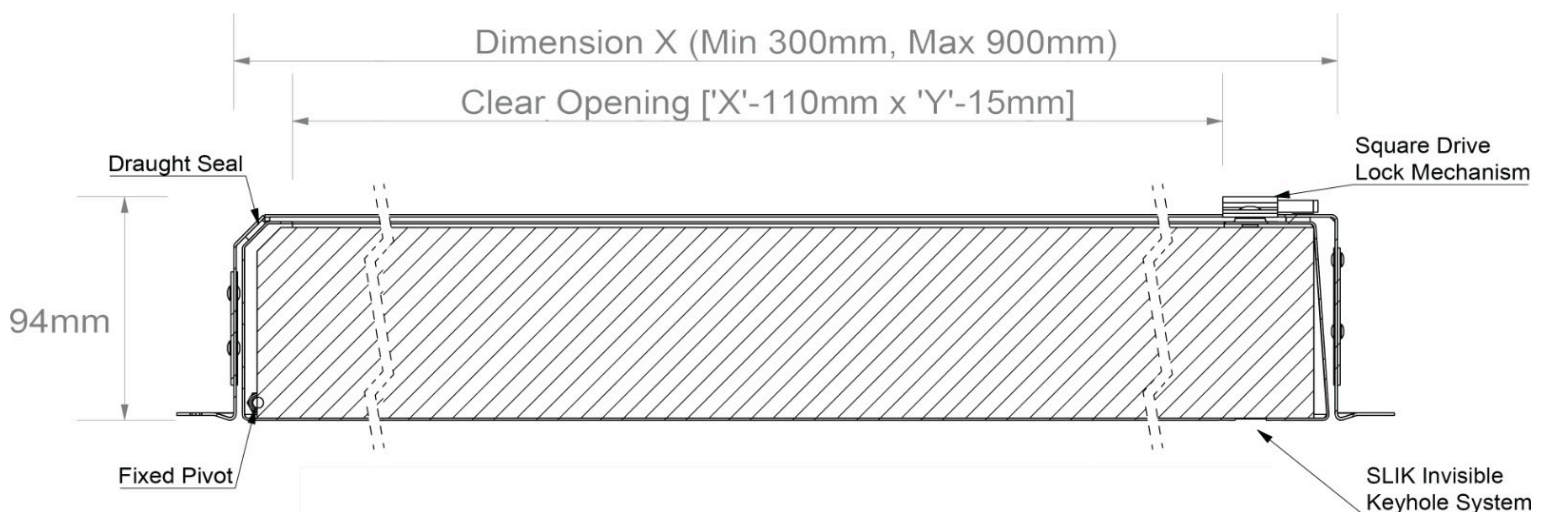
Key Features

- Minimalist look
- Can be painted over to blend into the surrounding surface
- Spring Loaded Invisible Keyhole (SLIK) system
- Invisible Beaded frame option
- Retrofit Picture frame option
- 1 hour fire rating
- Pre-punched fixing holes for simple installation

The Simplis® **Loft Hatch** provides **discreet** and **practical** access through ceilings in both **domestic** and **commercial** settings, thanks to its **minimalist, performance-driven** design.

It is available with two frame options. The **beaded frame** is designed to be plastered seamlessly into the ceiling membrane for a **near-invisible** finish. Alternatively, the **picture frame** features a solid flange that sits on the ceiling surface, neatly covering the cut edge of the aperture, making it ideal for surfaces that have already been finished and decorated.

The hatch is supplied as standard with the **Spring Loaded Invisible Keyhole (SLIK)** mechanism to make the **Loft Hatch** even less noticeable. Finished in a durable powder-coated white, the door can also be painted to match the surrounding surface. The Simplis® **Loft Hatch** is fire-rated up to **1 hour** complies with all building regulations for insulation and **air tightness (L1 and L2)**, meets **NHBC** size requirements and is supplied with **full documentation**.



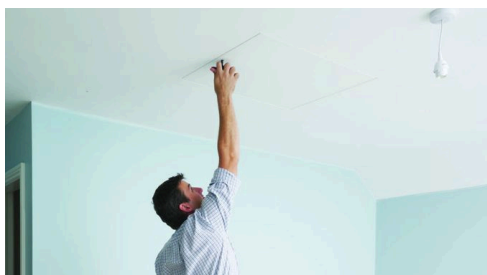
Contact us for a factory tour or to arrange an on site demonstration

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Door Tray & Frame

Formed from **1.0** and **1.2mm** Zintec electrogalvanised mild steel with a **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 **Spring Loaded Invisible Keyhole (SLIK) system**. An optional extra-long square drive key allows the door to be opened from ground level with **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.

Smoke Tested

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

Insulation

Thermally insulated with **100mm** of high performance Rockwool **insulation** equating to **0.35W/m²K U-Value**.

Acoustic Rating

Available to a maximum reduction of **63 dB Rw**. Testing carried out under laboratory conditions to **BS EN ISO140-3:1995** by an **independent test centre**. More information available upon request.

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. The pivot hinged door solution must be fitted as a complete unit. For piano hinged doors, remove the door from the frame for fitting. When refitting ensure the piano hinge nuts are tight.

Operation & Maintenance

Using the 'T'-key supplied push the **Spring Loaded Invisible Keyhole (SLIK) 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**. Check the operation annually, especially the hinge points and lock, or more frequently if used very regularly. Tighten or oil as required.

Online Support

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

Availability

Standard sizes available from stock with bespoke sizes to order. Please contact our **Technical Sales Team** for more information.

Standard Sizes		
535 x 635	535 x 745	

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