

Empress Christo Riser Doors



Key Features

- 2 hour fire rating
- SLIK invisible keyhole
- Fire tested both directions
- Acoustic 54db Rw
- EN and BS fire tested
- Pre-punched fixing holes for simple installation
- Can be over painted to blend into the surrounding surface
- Pivot hinge design

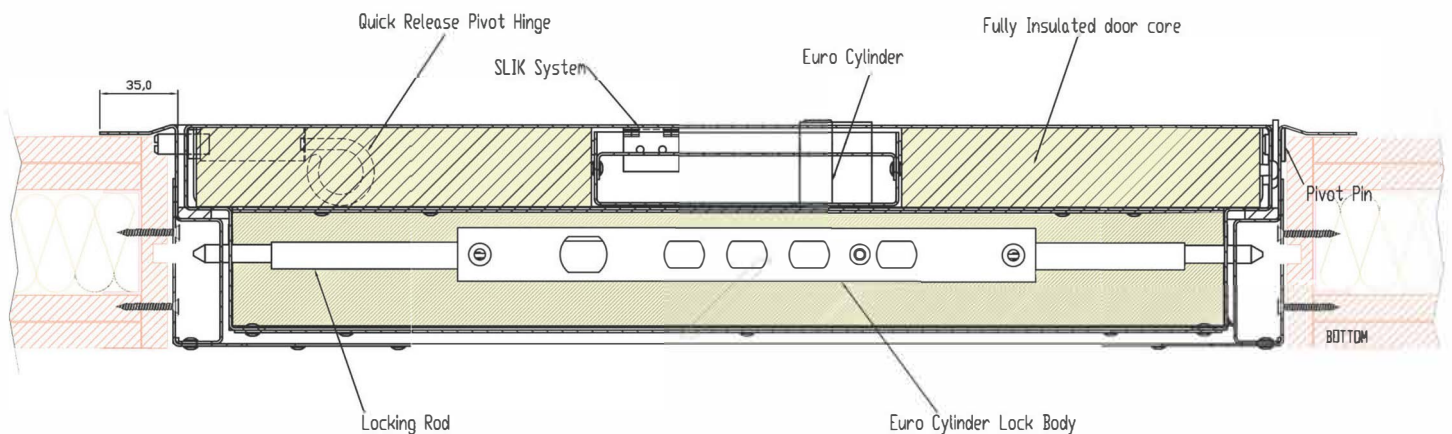
Designed and fire tested specifically for use in riser shafts running through larger buildings. The fire tested Empress Christo Riser Doors provide protection to riser openings from both sides to prevent fire entering or escaping from the riser shafts and spreading throughout multi-story buildings.

Empress Christo Riser doors are quick to fit and blend seamlessly with the surrounding wall finish.

Possibly the most important access door in the building for preventing the spread of fire to other floors. Doors up to 2700mm high and 3600mm wide have been tested guaranteeing accurate levels of protection. These doors are supplied as complete units and in fire situations will out perform timber door sets.

The interlocking doors are almost 100mm thick and are finished in powder coated white as standard with other colours available. The door leafs comprise steel skins to both the outside and the internal face. They have an insulated strengthened core, high quality stainless steel ironmongery to the passive leaf and three point locking with euro-profile locks to the active leaf.

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Technical & Fitting Details

Door Tray & Frame

Formed from 1.0 and 1.2mm Zintec electrogalvanised mild steel with a 25mm wide perforated or solid picture frame finished in polyester powder coat white RAL 9010 20% Gloss.

Hinge & Lock Mechanism

Concealed square drive locks as multi-latching euro cylinder locking available.

Hinged on quick release heavy duty pivot hinges welded into the door trays. SLIK (Patented Spring Loaded Invisible Keyhole) or SLIK+ to also conceal a euro cylinder barrel, both fitted as standard.

Fire Rating

Available with up to 1 hour or 2 hours fire rating. Fire testing undertaken independently by BM TRADA meeting both EN and BS standards in UKAS approved test laboratories. Certification available upon request.

Availability

All Riser Doors and manufactured to order. For current lead times and more information please call or email our technical sales team for more information.

Fitting

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

Screw fix using suitable screws through the pre-punched holes to all four sides of the frame at a minimum of 300mm intervals and through the beaded frame where used. Complete the operation with door in frame where possible. To remove the door from the frame unbolt the hinge from the inserted hinge studs. When refitting ensure the piano hinge nuts are tight. Double doors are shipped in halves with a half a frame to each door and the frame joining section. Full fitting instructions are available.

Air Tightness

Thermally insulated and air-sealed options are available to 0.5 m³/m/h leakage, complying to building regulations parts L1 and L2, BS EN 12207:2000 BS EN 1026:2000.

Acoustic Rating

Available to a maximum reduction of 54 dB Rw. Testing being carried out under laboratory conditions to BS EN ISO140-3: 1995 by an independent test center. More information available upon request.

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 replaces itself 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.