

OPERATION & MAINTENANCE

Technocover Upstand Access Covers and Frames

Technocover upstand access covers and frames are manufactured in a minimum 4 mm steel plate and hot dip galvanised after manufacture to BS EN ISO 1461, a standard which determines that a product has a guaranteed minimum life expectancy.

Operation

To open the assembly...

- Unlock and remove Security padlock.

For covers fitted with FRONT locking:

- Apply pressure to top of cover lid to aid opening of lever down locking mechanism and to control the lift of the cover lid.
- Pull / rotate front handle / locking arm through 90° to release cover lid from frame.

For covers fitted with TOP locking:

- Apply pressure to top of lid and rotate top handle / locking arm through 90° to release cover lid from frame.
- Lift cover lid and open to its full extent, ensuring that the safety stay is properly engaged.
- Lift safety grid (where fitted) and let it slide on its slotted hinges until locked into the upright position. Ensure that the grid is secure at this position.

To close the assembly...

- Lift and close safety grid (where fitted).
- Disengage the safety stay to the cover lid and pull the cover lid down.
- Ensure that the handle / locking arm is orientated to its 'opened / unlocked' position and fully close the cover lid onto the frame.
- Apply pressure to the top of the cover lid and rotate the handle / locking arm through 90° - ensuring that the cover lid is securely locked onto the frame.
- Fit security padlock.

HSE Manual Handling – Lifting of Hinged Covers

Technocover Solo-Lift access covers and frames comply with the Health and Safety Executive directive for manual handling.

Each hinged cover lid is assisted with torsion springs (and / or gas struts on occasion) to enable single person operation – the lid weight, with the assistance, is always well within the maximum (25 kg) allowable for a single person.

Maintenance

The cover is totally maintenance free after installation, but extreme substances, such as acids, should not be brought into contact with the cover, as they may adversely affect the life expectancy of the galvanising.

Annual inspection is, however, recommended to ensure that the free movement of hinges and effectiveness of safety stays are maintained. Clear any debris from items and spray grease cover hinge / spring units and lever locking mechanism to ensure free movement.

Where meshed vents are fitted ensure that they are free from dirt and / or vegetation which will inhibit the free passage of air. Sealing gaskets, where fitted, should also be checked for any damage.

On over-sized units, where gas struts are fitted to give additional lift assistance, care should be taken to ensure that cylinders and particularly piston rods are protected from damage and contamination. Struts should not be oiled or lubricated, as this may damage seals, and they should never be opened.

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