

05 Range

Metal Faced Ceiling Access Panel Range

Operations & Maintenance

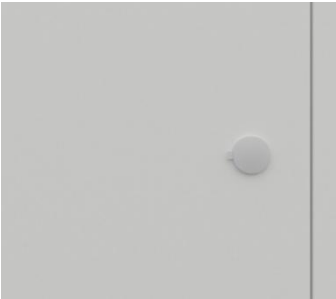
Operation

Our 05 Metal Door Range of Access Panels are supplied with various lock types.

Locking Devices

Budget Lock

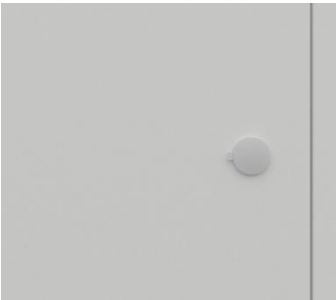
Access to the lock is concealed behind a lock cover. Remove the lock cover, insert the key into the lock, and turn it 90° to release and unlock the door leaf.



3 Point Lock

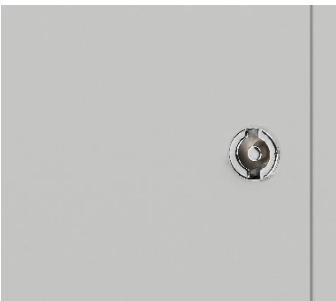
The standalone 3-point lock is operated solely using the square key. Access to the lock is concealed behind a lock cover.

To operate the lock, remove the lock cover, insert the square key into the lock, and rotate it 90 degrees to unlock the door leaf.



Budget or 3 Point Lock with 5mm Bit Insert

Access to the lock is concealed behind a lock cover. Remove the lock cover, insert the key into the lock, and turn it 90° to release and unlock the door leaf.

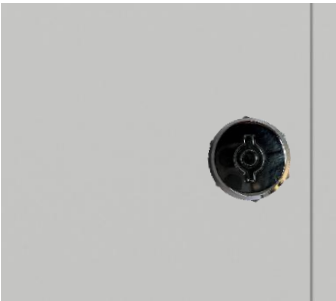


Operation continued

Budget or 3 Point Lock with Key Retaining Lock

Where a lock is combined with a key-retaining lock insert, the key should be turned 90 degrees while applying light pressure to operate the lock.

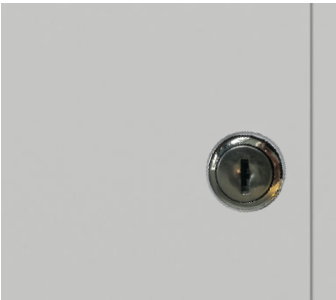
The key can only be removed when the lock is in the locked position.



Tamper Proof Key Lock

The Cam Lock is operated using the key to gain access.

Insert the key into the lock and turn it 180° to release and unlock the door leaf.



Castellated Tamper Proof Key Lock

The Cam Lock is operated using the key to gain access.

Insert the key into the lock and turn it 180° to release and unlock the door leaf.

The Key can only be removed in the locked position.



3 Point Lock with Euro Cylinder

Where a 3-point lock is combined with a euro cylinder, the euro cylinder must first be unlocked using the keyed cylinder.

Turn the key slightly until it stops and hold it in this position. While holding the key, operate the 3-point lock using the square key to unlock the door.

This is a two-hand operation and is required to allow the door leaf to be unlocked.



Operation continued

Piano Hinge type

The full-length piano hinge system must be fully tightened to ensure correct installation and safe, normal operation. The hinge is secured to the frame bolts through the piano hinge using nuts and washers, which must be checked to ensure they are correctly fitted and tightened.



Sliding Pin Hinge type

The sliding pin hinge system must be fully tightened to ensure correct installation and safe, normal operation. The hinge is secured through the frame by sliding the hinge pin through the side of the frame & secured in place with a bolt to the rear of the door, which must be checked to ensure they are correctly fitted and tightened.



Maintenance

The 05 Range of Access Panels are low-maintenance units. The following components should be checked on a regular basis:

Budget & 3 Point Locking Mechanism

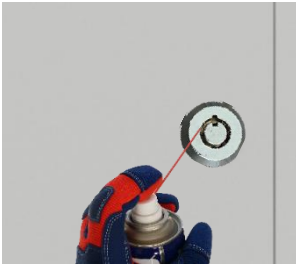
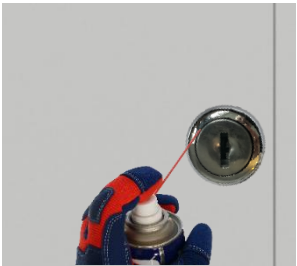
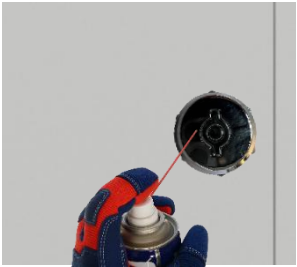
Ensure the lock operation is smooth and lubricated. If required use a small spray of dry lubricant.



Maintenance continued

Security Locking Mechanisms

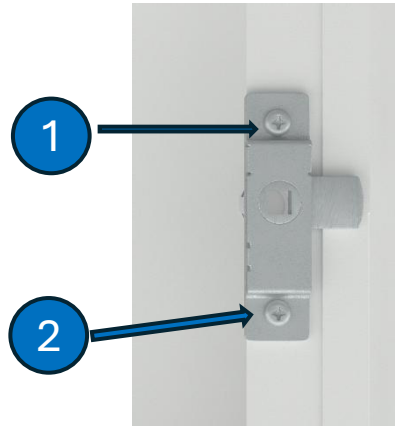
Ensure the lock operation is smooth and lubricated. If required use a small spray of dry lubricant to the face and rear of the locking device.



Maintenance continued

Budget Locking Mechanism Fixings

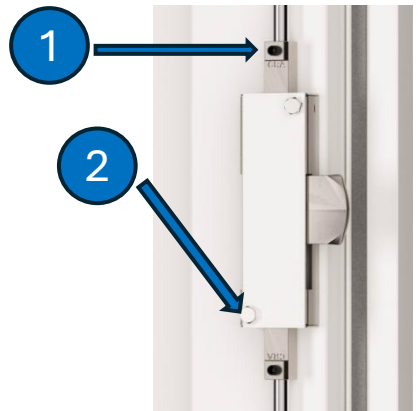
Check that the bolts securing the lock body are properly tightened (see item 1 & 2 in the image). Some locks maybe welded in place.



Locking Mechanism Fixings

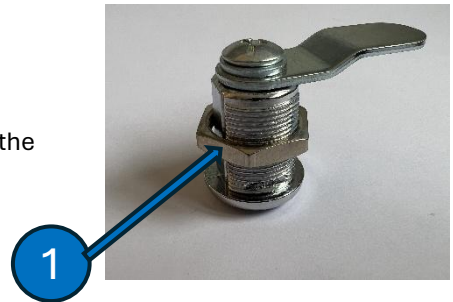
Check the locking bolts securing the locking bars to the lock to ensure they are properly tightened (see item 1 in the image).

Check that the bolts securing the lock body are properly tightened (see item 2 in the image).



Cam Lock Security Locking Mechanisms

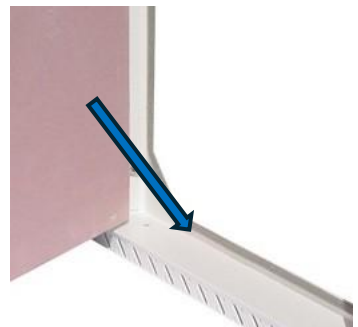
Check that the locking nut securing the lock body is properly tightened against the rear of the door leaf (see item 1 in the image).



Seals

(Not all panels are fitted with seals)

Where fitted, check that seals are present, correctly positioned, and free from damage.



Maintenance continued

Hinges

Check the full-length piano hinge system is fully tightened to ensure correct installation and safe, normal operation. The hinge is secured to the frame bolts through the piano hinge using nuts and washers, which must be checked to ensure they are correctly fitted and tightened.



Sliding Pin Hinge type

The sliding pin hinge system must be fully tightened to ensure correct installation and safe, normal operation.

The hinge is secured through the frame by sliding the hinge pin through the side of the frame & secured in place with a bolt to the rear of the door, which must be checked to ensure they are correctly fitted and tightened.



Cleaning

We recommend cleaning powder coated surfaces using a soft, damp cloth with a mild detergent. **Do not use abrasive cleaners or materials.**

Routine checks (Fire Rated Products)

Fire doors should be inspected at least every six months. As riser doors are locked fire doors, more frequent inspections are recommended, with the exact interval determined by the building's fire strategy.

Frame fixings

Check that all frame fixing holes contain fixings and that all fixings are secure and not loose.

Intumescent sealant to structural opening (Fire Rated Products)

Ensure that any gaps between the frame and the structural opening are fully sealed. These gaps should be filled with a continuous bead of a suitable acrylic intumescent sealant.

Door Seals

Check that the seals are intact and continuous along the entire rear edge of the door leaf, ensuring the perimeter of the door is fully sealed when closed.

Door operation

Ensure the door opens and closes smoothly, sits flush within the frame, and aligns with adjacent doors where applicable.

Hinge device

Ensure each door operates correctly and that the hinge device is fully located and secure.