

Comar 7 & 7P.i Commercial Doors Operations & Maintenance

Comar 7 P.i Sliding Doors Operation

Comar 7P.i sliding doors incorporate a multi point locking system, and run on wheels with a sealed bearing. It is imperative that the tracks are kept clear and clean. There is a requirement for a periodic inspection and cleaning of all visible locking points. The locks can be operated by two different methods.

Firstly, a flush handle can be fitted into the stile, which will incorporate an automatic, sprung loaded mechanism. The door will lock when pushed to its corresponding jamb or stile, and the integral catch can be pulled downward to the release.

The handle will show a green coloured dot when open, and a red one when engaged. This type of lock can be key lockable from external, or operable only from internal, normally confirmed by specification.

Alternatively the doors can be operated with a large, surface applied handle, which can be rotated through 15°, releasing the gearing, and the door is then pulled open or pushed closed. The handle is also key lockable.

The Comar 7P.i sliding doors have three main methods of locking mechanism:

1. Multi-point, 3-point lock – Giesse
2. Multi-point, Penta-lock, 5-point lock - Sobinco
3. Triple lock rod kit

Using the following levers and handles:

1. Dummy lock lever
2. D Handle
3. Flush pull handles
4. External locking handles
5. Internal pull handle

Multi-point, 3-point lock – Giesse

Multi-point, 3 point locking systems, has a single handle mounted in the centre of the vertical jamb, which operates sliding gearing located within the door section. When the handle is closed the 2 mushroom heads and hook lock move into recesses and engage the locking points on the door. The handle or lever is turned 90° to the open position. The handle will sit in line with the jamb when closed, or will be visible from outside, through the glass, when opened.

Multi-point, Penta-lock, 5-point lock – Sobinco

Penta-lock, 5 point locking systems is same system as the Multi-point apart from having an adjustment length of 200mm, 4 mushroom head and a hook lock.

Triple lock rod kit

Triple lock rod kit, 3 point locking systems is the same system as the multi-point but incorporates 3 hook locks.

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The installer will set the position of the lock eep and will adjust the wheels to the optimum working position. However, they may require small adjustment. The doors can be adjusted in height with a 4mm Allen key, which can be inserted into a hole at the bottom of the sliding door stiles.



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It should be remembered that any adjustment carried out here will have an immediate and adverse effect on the locking points, so the height adjustment is best carried out prior to fitting the lock keeps.

A qualified technician must carry out all major adjustments or replacements. Any attempt to complete repairs without correct tools or knowledge could result in personal injury or damage to the mechanism.

