

## BI-FOLD DOOR INTERIM LOCK SECURITY

Bi-fold doors are units which allow the door to be used as a single leaf pivot action and a full concertina action to open the entire door. These are usually installed to the external of the building façade.



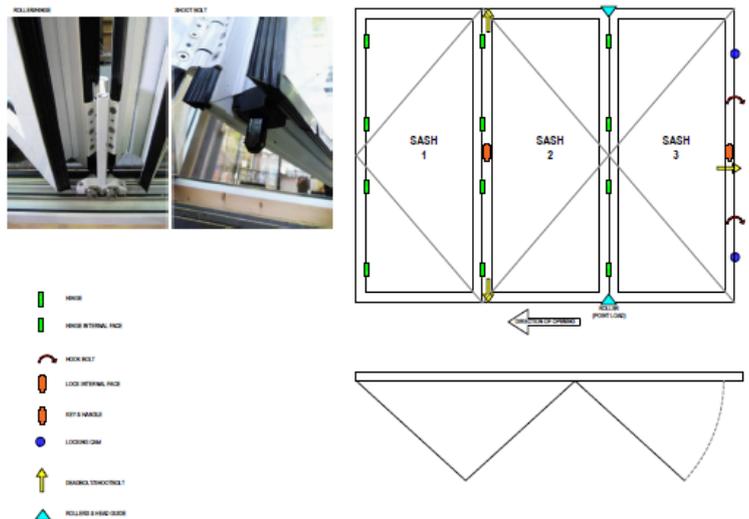
As part of this system, the door leaf's are installed to a secure frame, within a track based system. Once installed, final adjustments are required to the leaf's and require a "toe & heel" adjustment once installed.

In the instance at the New Bailey site in Manchester, these adjustments were not able to be made until access to the external balcony was available.

This presented a risk that in some instances the central shoot bolt locks to the concertina action can work loose over time through vibration or the internal handle can be tampered with as not operated with a key lock.

This allows the bi-fold door to open under little pressure or to low open, presenting a potential open leading edge or an obstruction to raising plant (MEWP/MCWP).

Bi-fold doors installed in a temporary state pose a serious risk to safety, if final adjustments can't be made then an alternative method of securing the doors must be implemented with regular checks or edge protection put in place.



An interim solution adopted at New Bailey was to install a temporary pressure plate strap externally.

This advice should be used, where the above is applicable, and the information discussed with your team highlighting the following points:

- Investigate if the final adjustments to door leaf's can be made from the external of the doors prior to installation.
- Check door frames are lined levelled & packed accordingly, especially local to locking mechanisms.
- Ensure locks/handles can't be tampered with internally.
- Implement additional security measures to secure doors temporarily or maintain edge protection.
- Perform regular checks of door security.
- Ensure internal trades are aware when working in area, particularly upper floors.

SHEQ Alert date:	mm/yyyy	Display until:	Mm/dd/yyyy	
Distribution:	Morgan Sindall x	Supply Chain x	Plant Hire Desk x	Morgan Sindall Group x
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Everyone has the right to be

**100% Safe**