INSTALLATION GUIDELINES

COMP DOOR™

PLEASE READ THESE GUIDELINES CAREFULLY PRIOR TO STARTING INSTALLATION

FRAME INSTALLATION

Door & frame should be fitted as one considering the following points: -

1. They should be installed plumb and square within the aperture, without twist, racking or distortion of any member in accordance with Comp Door's recommended tolerances (4.5mm all round), to operate correctly the gap between the door and slab at the top must be equal from left to right.
2. The new frame should be lined up to the slab accurately, this can be achieved by using the leading edge of the door slab and lining it with the leading edge of the frame
3. The correct gap must be provided around the perimeter of the door (4.5mm).

INSTALLATION PACKERS

Frame installation packers should be used adjacent to fixing positions to:
1. Prevent outer frame distortion during installation and use.
2. Ensure that the frame remains centralised, level and square.
3. Allow for thermal movement of the frame and door.
4. Assist in withstanding wind loadings.

Packers should normally be left in situ and concealed as part of the completed installation.

Due to the dynamic forces experienced when doors are opened and closed, it is good practice on door sets to use additional packers adjacent to hinge and locking points to provide additional support and security. Over-tightening of fixings can lead to distortion and should be avoided.

IMPORTANT NOTE

Once door is installed, please make sure that the door slab touches the Q-Lon at the top and bottom first thus making sure the slab is flush with the small face of the frame on the internal side.

METHODS OF FIXING

For correct door fixing, each frame member should be fixed to the structure or to an adjacent frame in order to resist all likely imposed loads which could cause the frame to deflect.

FIXINGS

Fixings should be sized to securely penetrate at least 50mm into brick, block, concrete or masonry, or 25mm into timber framing.

It is advisable and good practice to move the frame out by 2mm in the centre of the door frame making sure the door slab touches the top and bottom of the frame first, although this is only a recommendation it has shown to have a huge impact on the performance and operation of the door.

LOCK KEEPS

Lock keeps should be adjusted to make sure the latch-deadbolts engage fully. Unlike uPVC doors making sure the slab is tight in the frame is not necessary as long as the slab is touching the Q-Lon.

Debris or contaminants should be removed, and any drainage paths cleared. Protective tapes on both door slab and door frame should be removed immediately after installation as ageing of tapes can cause difficulties in removal. Comp Door will not accept any responsibility for protective film left on the door or frame for longer than 30 days.

FINAL CHECKS

After installation a final inspection should be carried out, preferably accompanied by the householder, to ensure that the installation is fully in accordance with the surveyor's and manufacturer's instructions and that the products operate correctly.

The householder should be made aware of the method of operation, locking and unlocking of the door. Written operating and maintenance instructions should be provided. Ideally, all occupants of a household, other than small children, should carry out the operation of the door. Information on the ordering of spare keys should also be provided.

MAINTENANCE INSTRUCTIONS

Please make sure maintenance instructions are fully explained and left with the householder.

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