



Island Door Installation Instructions



SURVEYING

When surveying access is recommended so that internal floor levels, reveals and plaster thickness can be assessed and allowed for.

Ensure door aperture is free of defects, which might effect installation, e.g. faulty brickwork. Check squareness of aperture: diagonals should not vary by more than 10mm.

Measurements of width and height must be 'brick to brick' excluding frames, sills or packing pieces. Take several measurements to determine narrowest points.

Door handing must be given as viewed from the outside.

For manufacturing size, DEDUCT 10MM FROM ACTUAL 'BRICK TO BRICK' WIDTH & HEIGHT of the door aperture. This allows an all-round safety margin of 5mm



DOORSETS

ALWAYS inspect the new door prior to removing the existing door, check door/frame sizes, handings, locks/keys for function and accessories for loss or damage in transit. Damage claims can only be accepted within three days of delivery.

Check specifications of all door sets received. Sets installed in wrong property are not covered by our guarantee.



PROTECTIVE COVERING

Island door leaves and PVCu frames are protected by a peel off film. DO NOT remove this film prior to installation.

Film must be removed immediately after work is completed on each door set. Films left on quickly weather and become difficult to remove.



INSTALLATION OF DOORSETS

Do not remove door leaf from frame. Install as a complete doorset.

Ensure door apertures are in good condition. Repair worn reveals or damaged masonry before installation.

The sills must be on a good bed of mastic for a waterproof seal, and must be level.

Install door set with leaf in the fully open position supported by wedges.

The door set must be installed level, true, plumb and square to function effectively.

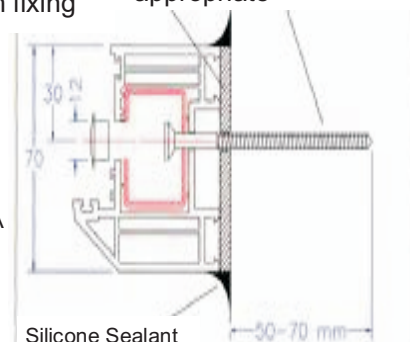
Cut drilled or trimmed timber must be re-sealed with at least two coats of a microporous treatment

WHEN INSTALLING A COMPOSITE DOOR THE FRAME IS HUNG TO THE DOOR LEAF

Packer required
Between Frame
and brickwork
at each fixing

Proprietary sheathed Window
fixing bolts (Fischer bolts or
similar) or Masonry screws
should be used as
appropriate

Fig. A





INSTALLATION OF DOORSETS(cont.)

Cut drilled or trimmed timber must be re-sealed with at least two coats of a microporous treatment

WHEN INSTALLING A COMPOSITE DOOR THE FRAME IS HUNG TO THE DOOR LEAF

DO NOT follow plaster lines or other marks left by previous frame. Use wedges to hold the frame in place whilst positioning.

The cill must be set on a good bed of mastic to provided and adequate weather seal beneath the door and must be level.

Install the door as a set with the leaf wedged in the open position.

Fix the hinge jamb plumb and true with packers positioned at each fixing point taking care not to over screw and distort the frame leaving a equal gap top to bottom between jamb and leaf.

Close the door on the latch, check the leaf frame gaps are even.

Position the locking jamb so that it makes even contact with the weather seal all around the frame and is plumb.

Check the leaf sits consistently and is flush with the internal face of the outer frame. Door leaves protruding on the inside indicate the outer frame is in twist. (Outer frame twist can be confirmed by placing a level diagonally across the frame jamb to head.

When correctly positioned and plumb, wedge the jamb securely, open the leaf and fix jamb into position having packed the frame at fixing points and behind the keep plates, fixings should be placed above and below the keep plates. Do not overtighten fixings, leave an equal gap top to bottom between door leaf and frame.

Failure to correctly pack the frame causing unequal gaps around the door may lead to binding. Packing should be used between frame and wall at the location of each fixing bolt.

We recommend sheathed fixing bolts (Fisher bolts or similar) or Masonry screws are used as appropriate, for all frames. Place bolts evenly as in Figure B.

When installing PVCu door sets, first drill 12mm holes through inside face of frame as indicated in Fig. A, then use a smaller bit to drill through internal reinforcing and remaining PVC. Masonry holes should be 50-70mm deep.

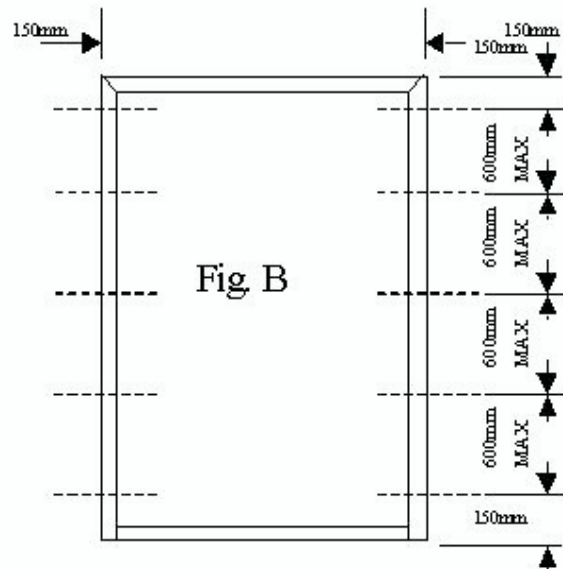
DO NOT OVERTIGHTEN when screwing home PVCu frames. This can cause cracking or distortion not covered by guarantee.

Cap screw holes with 12mm PVCu grommets.

NEVER DRILL OR PUT FIXING BOLTS THROUGH THE SILL SECTION

Seal gaps between frame and walls with mastic or expanded foam and or cover trims

Doors supplied where locks have adjustable keeps, (multi point locks mainly) these are attached to the frame set in their nominal position. Once the lock jamb is correctly positioned and secure it will be necessary to adjust these keeps to their final position, by loosening the screws in the slots and sliding the keep into position to give the lock sufficient 'pull in' when the lock is thrown without making the action overtight. When this position has been established fit the remaining final fix screws into the circular holes to secure into final position.



CLEANING

If PVCu surface needs cleaning, use a damp cloth and mild soapy water. Do NOT use any industrial or abrasive cleaners. Stains or damage so caused are not covered by guarantee. Contact our service department for advice on repair or scratches. Never use paint or abrasives.