

Glazing Double Glazed Sealed Units into Timber Frames.

Prior to Glazing.

An edge clearance is necessary to prevent frame-to-glass contact, and to prevent water from bridging between the rebate and the edge seal of the unit. The edge clearance should be sufficient to allow for thermal movement also, so, when measuring the frame you should allow 6mm on the height and width (3mm all around the unit).

1. Firstly ensure that the rebates, beads and unit are clean.
2. Run a continuous seal of glazing strip around the back of the rebate or a continuous seal of **low modulus** silicone and place two glazing blocks on the bottom rebate. The glazing blocks should be of a resilient, non-absorbing, rot-proof, compatible material.
3. Sit the unit on the glazing blocks and push gently against the back rebate and centralize, making sure not to push silicone out of the rebate. If using security glazing strip apply direct from the reel onto the correct surface of the unit (if using Pilkington 'K' double glazed sealed units ensure that the 'K' surface is on the inside of the property) and press sufficiently along its whole length to achieve good initial adhesion. Remove backing paper and offer to the back rebate, push firmly to seal across the joint. There should be 3mm gap around between the unit edge and the timber, to allow for thermal movement and to prevent water from bridging between the rebate and the edge seal of the unit. (See Fig1)
4. Next fix the glazing beads around the unit. The beads should be a snug fit, and fixed using non-corrosive material (sheradized and brass glazing pins are recommended).
5. With a fine nozzle, run a neat continuous seal of silicone sealant between the face of the glass on the inside and the back rebate (see Fig 2.) and also between the face of the glass and the glazing bead on the outside thus forming a water tight seal on the edge seal of the unit from any moisture which may occur. Flexistrip can also be used for this process. Make sure any residual voids are filled (see Fig 3).

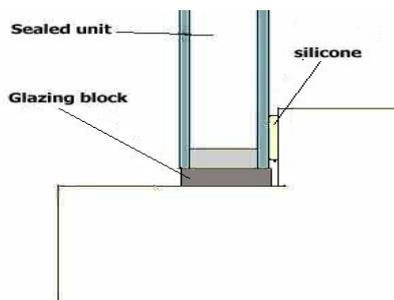


Fig 1.

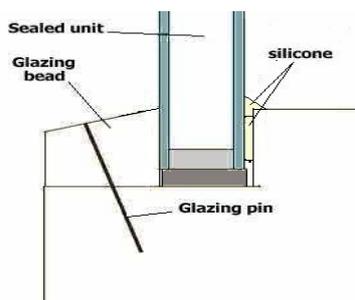


Fig 2.

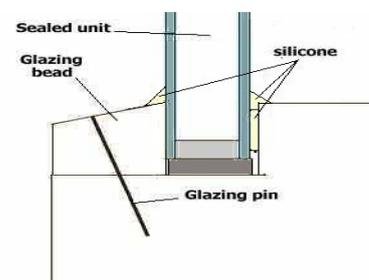


Fig 3.