

Measuring for LandVac™ 8.3mm Vacuum Insulated Glazing

Retro-fitting into existing putty faced timber windows

The best way to get the correct pane size is to measure the sight lines of the existing glazing, from inside the building, then add on 10mm all the way around. See photograph below. Measure from timber to timber across the glass for the width. Do the same for the height.

Example: If the glass sight line is 500mm wide x 700mm high, then the LandVac™ pane will be 520mm x 720mm



Retro-fitting into existing timber beaded windows

Use the same process as above. Depending on the size of the timber glazing bead it may be possible to make the LandVac™ panes slightly bigger. For example, if the existing window has a 15mm glazing bead, then add on 12mm all the way around which will still leave a 3mm fitting tolerance. If in doubt, carefully remove one of the glazing beads to check the rebate size.

Rebate sizes:

It may be necessary to router the existing glazing rebate to make it suitable for installing LandVac™. This also has the benefit of tidying-up the rebate after the old putty is hacked out.

Ideally the rebate should be 12mm wide (left to right as you look at the window). This allows 10mm to cover the Pane Edge Seal and a 2mm installation clearance). The depth (front to back as you look at the window) should be a minimum of 18mm. This allows 2mm for the bedding compound, 8mm for LandVac and 8mm for a putty face.

Arched head:

All arched edges must have a single point of radius. We can calculate the radius of the arch given the overall width of the pane, and the height from the point at which the arch breaks to the top of the pane

New Joinery:

With new joinery the upper edge of the frame can be slotted or grooved to accept the pane edge that contains the evacuation port and getter in LandVac-Heritage, thereby hiding these out of site. Just remember to add on the depth of the groove to the required pane size