

## **TIMBER WINDOW INSTALLATION**

### **FITTING**

DPC's should be fitted as the construction proceeds. This can be achieved either by fixing the DPC to the frame prior to building in or by fitting the DPC into the structure when making pre-formed openings. In the latter case it is often convenient to use wider DPC's than needed and removing excess DPC after the window is installed.

### **SUPPORT**

Windows should be supported on durable packers at a maximum of 150mm from each jamb and beneath every mullion. The window should be fitted level, plumb and square. When building-in, continuous support at cill level can be provided by a mortar bed.

Supporting the frame should be such as to prevent distortion and not damage the products finish.

Side packers should be located where fixings occur and fitting without distorting the frame.

Particular care is necessary when providing packers to sliding sash windows where even minor distortions can prevent the movement or introduce excessive clearance of the sashes.

When fitting packers it is advisable to check the operation of all types of windows prior to the final fixing.

### **FIXING**

Side fixings should be provided at 150mm (6") from the top and bottom of the frame and a maximum of 450mm (1.5') between centres. Where a window exceeds 1800mm (5' 10' approx) in width or is formed with two or more casements, fixings should be provided at the head and cill.

Special requirements may be necessary when fixing windows into preformed openings.

It will be necessary to fix though the frame prior to the installation of casements. If this is not possible, straps can be utilised where necessary.

### **SEALING**

To prevent air infiltration between the window and adjacent wall the gap between the window and wall should be sealed. A sealing strip can be fitted prior to building-in or alternatively an expanding foam seal or mineral wool can be fitted after building-in is completed.

These will expand over time to fill any gaps.

An additional seal can then be provided by either silicone or Sikaflex® or by fitting a cover strip.

Any nosings should also be sealed on the upper surface to prevent moisture ingress.

**The information provided is believed to be correct at the time of issue, but may be subject to change without prior notice**