

Installation requirements for Litefloor laminated glass flooring

Litefloor needs a rigid flat support with a maximum deflection of $L/500$.

Minimum support depths should be 20-30mm, and can be either two-sided or four sided. Two sided supported glass will generally need to be thicker (and hence more expensive) for a given load, than glass supported on four-sides.

Adjustable pedestal support can also be employed such as those used in the external glass bridges at [Computer Associates](#) in Slough.

Joints should be no less than 4mm, and typically joints 6mm wide are used. The glass is installed onto continuous silicone strips of 60-80° shore hardness both beneath the glass and between the glass and adjoining surfaces.

A hardwearing two-part polysulphide mix or heavy duty Silicone is used to seal the top of the glass. Once bedded down onto silicone pads the dead weight of the panels is often enough to prevent movement. For smaller panels or for panels not jointed at the edges, panels can be fixed mechanically or with structural silicone.