

TREFOREST GLASS

Treforest Glass Slim Low Sight Line Double Glazed Units

Installation Guidelines

General

Treforest Glass Slim Low Sight Line Units have a butyl hot melt primary seal around the edge of the unit; they should be treated for installation into timber frames as any other untaped double glazed unit. However, the units are made to minimum tolerances and must be handled, stored and fitted properly.

If the units are not handled, stored or fitted correctly, this will reduce the life of the double glazed unit. It is therefore important to adhere to these guidelines, or those of the GGF regarding installation. Please ensure that the external glazing seals cannot allow the ingress of water, as this is the main reason for failure of double glazed units in timber frames.

Do not tamper with the perimeter seal, nor allow the units to come into contact with any chemicals particularly methylated spirits, nilglass or other alcohol based glass cleaner.

Units must be stored prior to glazing in dry conditions, stacked carefully off the floor. Please ensure units do not touch each other, as the seal could become dislodged when pulling apart.

Bedding/ Encompassing our Seal

Apertures must be dry before glazing; in particular timber frames should be clean, primed and dry. We recommend that the units are bedded on a U9 low modulus neutral cure silicone, we would like our seal to be encompassed in the U9 silicone, almost forming a secondary seal. As an alternative, we ask you consider using Hodgsons Heritage, which is a replacement putty product to fit. (This is an expensive product, but is a friend to our seal, and the timber frame). Again, we ask that our seal be encompassed as well as bedding the face up to the edge of the sight line. If using bead, please 'cap-off' with this product or the U9

You should allow a minimum space between the outside edge of the unit and the frame of 2 mm. Setting/Spacer Blocks/Sprigs/Pins should be used to locate and support the unit, then the cavity filled with U9 or the Hodgsons Heritage product.

It is important that you please always ensure, all voids around the perimeter of the unit are filled with compatible low modulus neutral cure silicone, preferable U9 or the Hodgsons Heritage product so that the butyl hot melt primary seal around the edge of the unit is completely protected.

Treforest Glass is the trading name of Glass World (Cardiff) Limited

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Facing

Timber Beads

Timber beads should be bedded into a low modulus neutral cure silicone (U9 or Hodgsons Heritage), or an appropriate glazing sealant, (check with the manufacturer/supplier), that it is acceptable for use with butyl sealed double glazed units and the bead pinned in place.

As with all double glazed units, if you are applying the timber beads using glazing tape, it is very important that the bead's joints are silicone capped to ensure water cannot penetrate

Face Puttying

Please ensure that the putty does not contain Linseed Oil, we would prefer multipurpose putty, such as Hodgsons. However, all putties contain oils which can damage the unit's seal. Hence the importance of properly bedding the unit into the protected seal. In addition, putties dry out and crack over time. Therefore, continued maintenance is required to ensure a long life for both the unit and the timber frame. We recommend the use of the Replacement Putty product below.

Putty Replacement

We recommend 'Hodgsons Heritage' as a putty replacement. The product is compatible with sealed units and laminated glass. The product's data sheet advises it is safe to use in the fitting of doubled glazed units, and laminated glass. We, as a Company, have adopted it when glazing our own units and a number of customers have used it for several years. They find it relatively easy to apply and finish, but more importantly it is proven to be durable. It is water impervious, it has a fast drying time and it does not crack or shrink.

**Failure to follow the above guideline or those of the GGF may results in your
Ten Year Guarantee becoming void**

Please Note: U9 and Hodgsons Heritage are only our preferred and recommended products Other alternatives can be used