

TWINFIX

Glaze-Guard

The framing system for installing polycarbonate sheet in vertical glazing applications

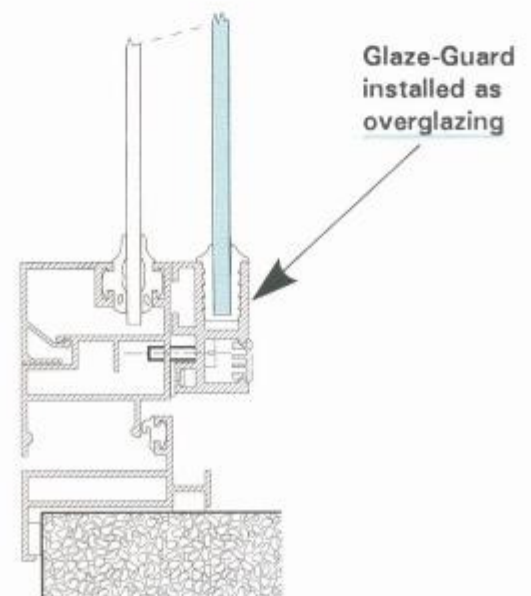
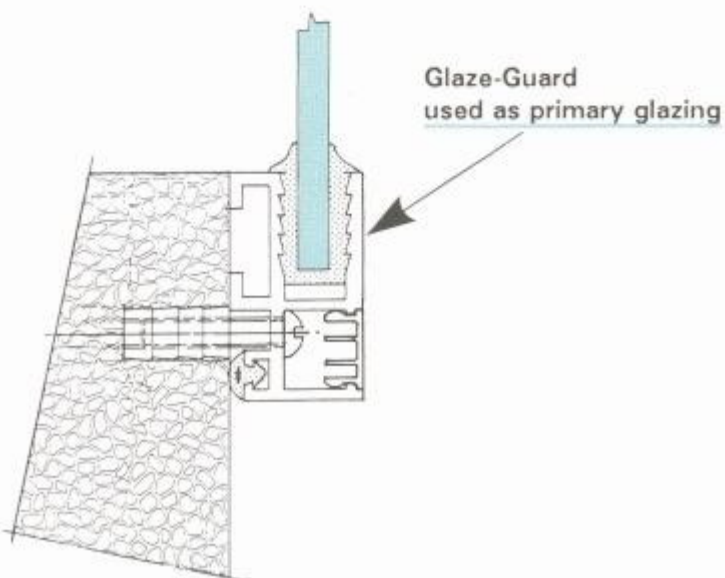
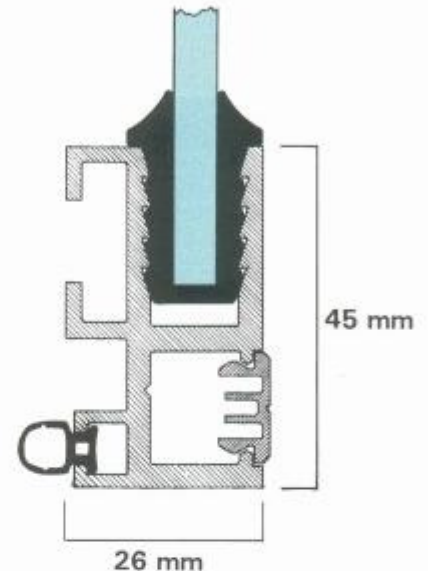
This system enables the fast and easy installation of impact resistant polycarbonate glazing in vertical applications. It can be used as a primary glazing system and for fixing either internal or external overglazing.

Glaze-Guard incorporates features which fulfil the special glazing requirements for installing polycarbonate sheet. These include:

- An adequate rebate depth to ensure the sheet is retained under load without 'popping-out' of the frame.
- Automatic provision of the required thermal expansion allowance to prevent distortion of the sheet.
- The use of materials chemically compatible with polycarbonate.

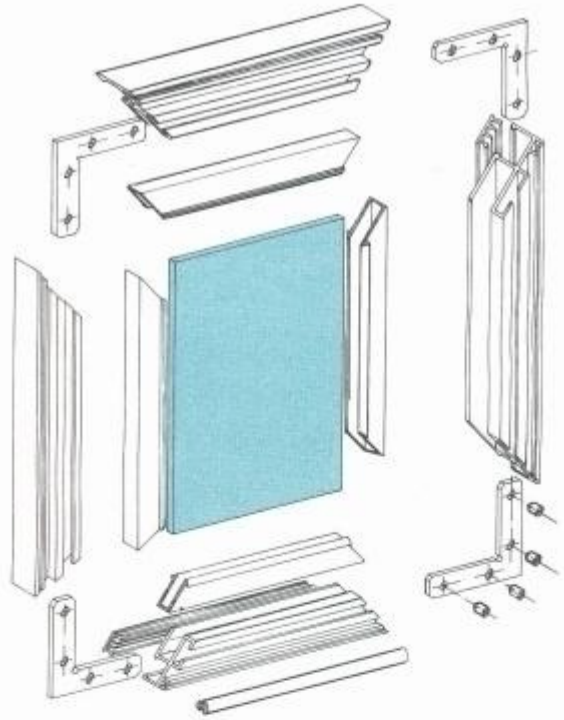
Glaze-Guard provides for all the above in an easily installed aluminium framing arrangement, which is suitable for polycarbonate sheet up to 8 mm in thickness.

Whilst aimed primarily at the anti-vandal market, correctly-installed Glaze-Guard fitted with the optimum thickness of polycarbonate sheet will also provide an additional barrier to illegal entry.

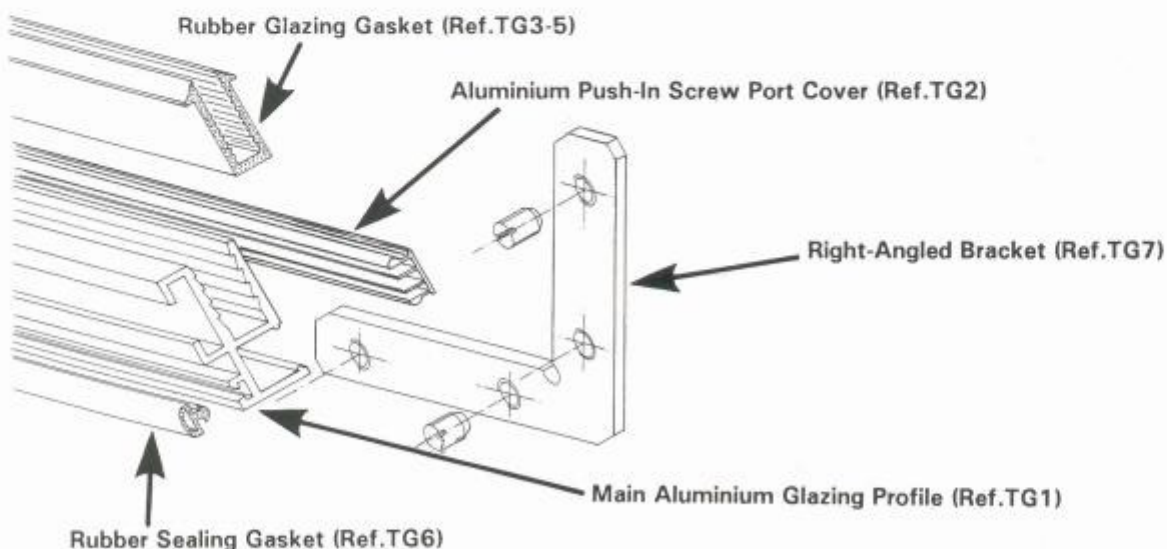


ASSEMBLY DETAILS

- Fit lengths of glazing gasket (TG3-5) into the serrated channel on the main glazing profile (TG1). The profile and the gasket should then be cut to the required sizes, producing a 45° mitred edge in both the profile and the gasket at the same time.
- The polycarbonate sheet should be cut to size, following the manufacturers' recommendations for cutting, thickness selection, etc. The pre-cut glazing gasket should then be fitted over the cut edges of the sheet.
- The frame is formed by inserting a corner bracket (TG7) into the slot on to the back of the mitred ends of the glazing bar profile (TG1). This bracket is then secured to the glazing profile by tightening the grub screws. The sheet is then push-fitted into the frame. All four corners of the frame should be secured in the same way.
- The rubber sealing gasket (TG6) slides into the slot in the main glazing profile (TG1) to provide a cushion/seal between the frame and the surface to which it is being fitted.
- The glazing profile (TG1) is secured to the fixing surface by means of suitable stainless steel screws being secured through the fixing slot. If possible, specialised tamper proof screws should be used.
- When the frame has been installed, the push-in screw cover (TG2) should be cut to length (with the corners mitred to 45°) and fitted into the screw slot.



Components of the system



Glaze-Guard is available from:



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As our policy is one of continuous improvement we reserve the right to amend specifications without prior notice.