



XLOK EXPRESS: installation recommendations



1/ FIX BAR



2/ SLOT IN GLAZING PANEL



3/ LAY ONTO KERB

♦ See over page for step by step details

XLOK EXPRESS

Elegantly designed & well finished interlocking aluminium framed panels, glazed in 16mm structured polycarbonate, link to fit any run length. Panels are fully factory assembled for fast & simple site installation without glazing experience.

HANDLING AND STORAGE RECOMMENDATIONS

Panels should be treated with care. Unloading and maneuvering is usually easiest by hand. **Panels must never be exposed to weather before installation** - panels should be stored: in clean dry conditions, protected against direct sunlight & in an upright position.

MAINTENANCE

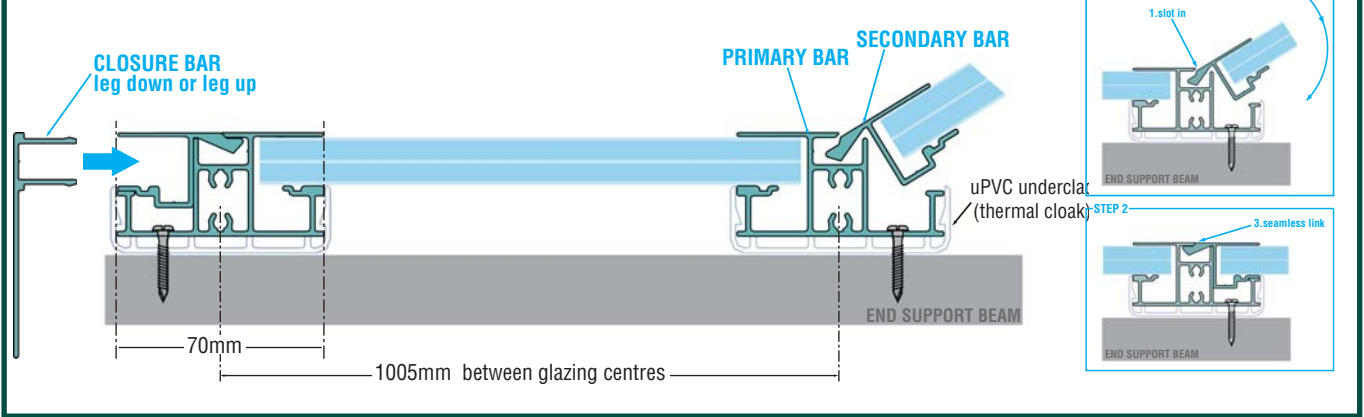
Polycarbonate rooflights are particularly vulnerable to scratching and should only be cleaned with copious amounts of warm soapy water solution and a soft cloth. Never use solvents or alkaline cleaners or thinners. Do not scrub with brushes or sharp instruments as these will mark the surface. If a rooflight is found to be damaged it must be replaced.

♦ Further details on: polycarbonate product care see **TB140**

STRUCTURAL DETAILS

For full CAD details or advice on non-standard sizes or conditions please contact the Technical Dept.

XLOK EXPRESS SECTION DIAGRAM



- 1**
- ♦ Check contents of delivery to confirm correct quantities and sizes - move to working levels.
 - ♦ Inspect scaffolding/safety staging is to required safety standards.
 - ♦ Inspect supporting structure for flatness and suitability.



- 2**
- ♦ Measure position of top & bottom kerb - cut widths of eave seal & stick on to first panel, ensuring when laid the seal will be in contact with the kerb below.
 - ♦ If the kerb is regular, then all panels can be prepared in advance. (On irregular kerbs the seals must be applied to each panel as it is placed in position on the roof.)



- 3**
- ♦ Clip uPVC undercladding to each PRIMARY bar.



- 4**
- ♦ Select starter panel (2 PRIMARY bars).
 - ♦ Fix starter panel in top corner only, to act as a pivot.



- 5**
- ♦ Insert continuation panel (1 PRIMARY + 1 SECONDARY bar) into starter and align bars to be flush. Drop second panel down to structure & support to prevent slippage.
 - ♦ Select next continuation panel & insert into previous panel, align as before.



- 6**
- ♦ Look along the top edge of the 3 panels & align with kerb. Check alignment down to the far end of kerb. This positioning sets the alignment for the whole run of panels. Put 2nd fixing into 1st panel to secure.
 - ♦ Remove 2 panels to allow final fixing of 1st panel. Fix in each corner. Replace second panel & apply fix to top & bottom of primary bar. Repeat with each panel.



- 7**
- ♦ If the kerb is irregular the side bars can be gently adjusted to allow an extra 5mm leeway to accommodate curves in the kerb.



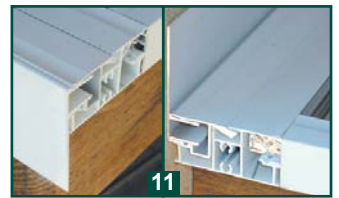
- 8**
- ♦ Fix end cap on to junctions of each panel



- 9**
- ♦ Continue adding panels & fixing to complete the run - up to & including the penultimate panel.



- 10**
- ♦ Select & place the last panel in order to assess whether or not it fits correctly. Determine by measurement, the correct size for the last panel.
 - ♦ Pull off side bars & top & bottom closure profiles. Trim closure profiles to new width. Cut polycarbonate sheet to new width. Re-fit side bar.
 - ♦ Re-insert final panel & fix.



- 11**
- ♦ Position & fit CLOSURE bars at each end. Either up or down depending on application.
 - ♦ Close flashing down onto the head of the panels & gently dress down to complete weatherproofing.