

## XLOK ULTRA installation recommendations



1/ FIX BAR



2/ SLOT IN GLAZING PANEL



3/ LAY ONTO KERB

♦ See over page for step by step details

### XLOK ULTRA

Robust and versatile panel glazing, non-fragile Class B to ACR[M]001:2000 and low U-value. Glazed in 25mm structured polycarbonate with wide span, extruded aluminium glazing bars. Elegantly designed & well finished interlocking aluminium glazing panels, 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 manoeuvring 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

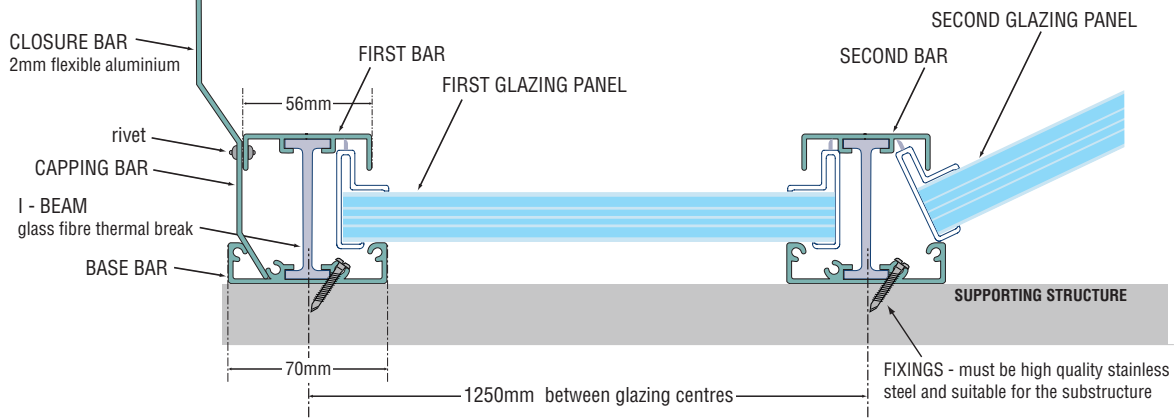
Polycarbonate rooflights are particularly vulnerable to scratching and should only be cleaned with copious amounts of warm soapy water solution and a soft cloth. Never use solvents or alkaline cleaners or thinners. Do not scrub with brushes or sharp instruments as these will mark the surface. If a rooflight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



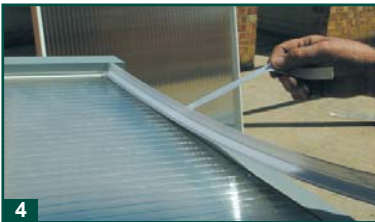
- 1 ♦ Check contents of delivery to confirm correct quantities & sizes - move to working levels.
- ♦ Inspect scaffolding / safety staging is to required safety standards.
- ♦ Inspect supporting structure for flatness & suitability.



- 2 ♦ Create a guide by running a line along the structure to indicate where the top edge of the panels will line up.
- ♦ Select the starter bar (loose bar without glazing) & place in position, use a set square to line the bar up with the guide line & kerb beneath. Drill holes & fix at each end.



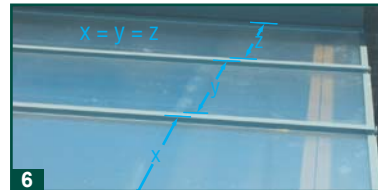
- 3 ♦ Select STARTER panel (any glazing panel with a bar on one side) & insert side without bar into fixed starter bar.



- 4 ♦ Measure position of top & bottom kerb - remove panel. Cut widths of eave seal & stick on to the glazing, ensuring when panel is laid in position the seal will be in contact with the kerbs below.
- ♦ Panels can be prepared in advance.



- 5 ♦ Re-insert STARTER panel into STARTER bar.
- ♦ Lower panel to the horizontal & rest SECOND bar onto support structure.



- 6 ♦ i/ Panels are manufactured to fit a specified width.
- ♦ ii/ There is flexibility within the bar construction to allow for temperature changes after installation.
- ♦ These 2 features require the use of a width gauge in order to exactly set the width between each bar, before fixing.



- 7 ♦ Fix SECOND bar by drilling holes & fixing, as with STARTER bar.



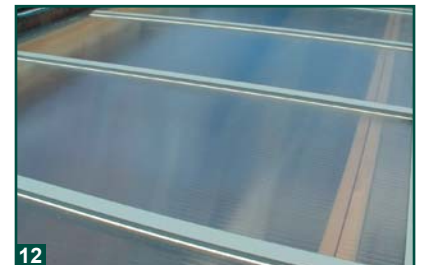
- 9 ♦ When 2 panels are joined by a glazing bar, fix on end capping.



- 10 ♦ Insert SECOND panel into fixed SECOND bar.
- ♦ Continue fixing & adding panels to complete the run.



- 11 ♦ Fit closure profiles into the STARTER & FINAL bars. Fit end caps.



- 12 ♦ Close flashing down onto the head of the panels, & gently dress down to complete weather proofing.
- ♦ Remove protective film from glazing.