

## PYROBEL / PYROBELITE Fire Resistant Glass

### GLAZING INSTRUCTIONS

**PYROBEL / PYROBELITE** fire resistant glass is used as part of a fire resistant structure. It is the responsibility of the user to ensure that the structure as a whole satisfies the current regulations and to obtain the approval from the competent authorities.

*Ravensby Glass Co Ltd* disclaims all liability should **PYROBEL / PYROBELITE** be installed in framing systems of either unapproved or faulty construction or glazed using unapproved glazing methods.

**PYROBEL / PYROBELITE** is designed for use within the temperature range from  $-20$  to  $+40^{\circ}\text{C}$ .

*Ravensby Glass Co Ltd* recommends that **PYROBEL / PYROBELITE** is installed by an accredited FIRAS Installer.

The glazing instructions must be respected, in particular: -

### INTERNAL INSTALLATION

- Avoid all glass to metal / timber contact
- The glass must remain free of all constraint
- Rebate depth allow 20mm normally
- Edge clearance: 4 to 5mm
- Lateral clearance: 4 to 5mm
- Ensure that the edge cover is even on both edges
- Place the glass on non-combustible setting blocks of hardwood or equivalent
- The rebates must remain dry and free from aggressive products, i.e. acids, organic solvents
- **PYROBEL'S / PYROBELITE'S** edge tape protection must not be removed or damaged. If damaged, it must be replaced
- Glazing materials must be compatible with **PYROBEL / PYROBELITE** interlayers: use a watertight neutral sealant containing no acids, no oils, no organic solvents
- **Under no circumstances should water be allowed to come into or remain in contact with PYROBEL'S edges**

### EXTERNAL INSTALLATION

(Applies also where internal installation exposes the **PYROBEL / PYROBELITE** to solar radiation)

The same instructions as above apply equally with the following requirements in addition: -

- A special **PYROBEL / PYROBELITE** structure must be ordered for this type of application as it must incorporate a U.V. filter
- The side of the **PYROBEL / PYROBELITE** unit incorporating the U.V. filter must be glazed to face the sun
- The framing system should be grained and ventilated. **In no circumstances should water be allowed to come into or remain in contact with PYROBEL'S / PYROBELITE'S edges**
- Take special care not to damage the edge tape protection
- Install very carefully and seal with a watertight neutral silicone sealant

The above glazing instructions apply generally to single or double-glazed **PYROBEL / PYROBELITE** panels.

If you have any queries or problems about the glazing methods of **PYROBEL / PYROBELITE** or the suitability of glazing systems contact our office for advice on T: 01382 480842.