

# CLEANING & MAINTENANCE INSTRUCTIONS

## PLASTIC GLAZED ROOFLIGHTS



### 1 Cleaning Glazing

Polycarbonate glazing should be washed and rinsed at intervals to be determined by the owner. Use a solution of 5% mild soap or detergent cleaning solution sprayed on, to wash the glazing surface. Follow immediately with clear, rinse water and promptly remove the excess rinse water with a clean squeegee. **DO NOT** use abrasive cloth, sponges, cleaner or solvent acid based solution on the glazing. Should stronger cleaner compounds be needed to remove stubborn stains, consult JET COX for recommendations.

Always rinse detergents from aluminium finishes with clean, rinse water and dry with a clean grit-free cloth.

### 2 Cleaning Aluminium Finish

As soon as possible after completion, and periodically throughout its life, the rooflights will require cleaning to maintain their present condition.

Frequency of cleaning varies with the environment and the desired degree of cleanliness. A solution of 5% mild detergent, such as Fairy Liquid, and sponging should be sufficient, followed by a clean, rinse water and drying with a clean, grit-free cloth. **DO NOT** use harsh alkaline or acid based cleaners containing strong chemicals, such as tri-sodium phosphate acid.

### 3 Sealant Repairs

Should sealant repairs be required we recommend the following:

For glazing-to-aluminium sealing, Dow Corning 794 Silicone. Colour to match existing sealant. Dow Corning 794 can be applied to sound, clean, dry and contamination-free glazing surfaces without primer.

It is available in cartridge form and can be applied at outside temperatures as low as 32° Fahrenheit, providing that the surface is clean and frost free. Joints should be tooled within ten minutes of application, and excess sealant should be removed at once.

Remedial caulking guidelines can be obtained from the sealant manufacturer.

**CAUTION:** The use of any acid curing silicone sealants is not recommended and may cause failure.

### 4 Sealant Inspection Guidelines

Inspection should be done on a regular basis to substantiate that damage or deterioration has not occurred that would affect the weathering integrity of the rooflights. The inspections should be conducted by the building maintenance authorities, in accordance with the responsible structural engineer's recommendations.

Inspection should include very thorough checks of the silicone weatherseal joints. Check for damage or vandalism, and either cut or remove silicone where directly accessible. Check for loss of cohesion or adhesion of the silicone as evidence of inadequate strength. This can be tested by applying light pressure to the joint with the slightly rounded end of a dowel rod or the erasure end of a pencil. Evidence of loss of adhesion is indicated if the silicone separates from the glazing.

Report any damage or adhesion loss to the owner. Any damaged silicone areas where the weathering integrity of the installation is affected must be temporarily repaired within 24 hours to guard against leakages.

We suggest that the Building Engineer inspects the project according to the following schedule.

More frequent inspections may be required, at the discretion of the Building Engineer or Manager.

<b>Initial inspection</b>	One month after silicone is applied. Three months after silicone is applied
<b>First year after initial inspection</b>	Inspect every three months.
<b>Every year thereafter</b>	Inspect every twelve months.



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