



Solar Shield Alilite Roofing System

Cleaning and Maintenance

The Acryglaze Acrylic used in the Solar Shield Alilite system have a smooth non-porous gloss surface that is retained after long term outdoor exposure. Acryglaze clear comes with a 20 year warranty while the grey tint comes with a 15 year warranty.

Cleaning the Finished Canopy

The Solar Shield Alilite system requires minimal maintenance given adequate roof pitch. The rain will generally wash off any soiling or debris. Should cleaning be necessary, use a highpressure hose with a small amount of household dish washing liquid.

Cleaning Acryglaze Acrylic

NEVER USE strong industrial or abrasive cleaning agents, insecticides, window cleaning sprays, kitchen scouring utensils/components, or solvents such as acetone, gasoline, benzene alcohol, carbon tetrachloride, lacquer thinner or other corrosive agents. These can permanently damage the Acryglaze Acrylic surface and/or weaken the acrylic sheet causing fine surface cracks. Never use a hard broom or any abrasive tools.

Suitable Cleaning Agents

- Warm water with a small amount of dish washing liquid.
- Concentrated vinegar diluted with water.
- Isopropyl alcohol.
- A soft damp vercoose sponge or non linting cloth.
- A sponge cloth.
- Chamois leather
- Cotton dish cloth
- Shower squeegee with a soft rubber blade.
- A damp microfibre polishing cloth
- Diluted Wet and Forget and wash off with a LIGHT water blast.

If the Solar Shield Alilite roofing system is damaged due to use of inappropriate cleaning agents or methods, then any warranties given, may be deemed invalid.





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Handling, Storage and Cutting

Handling and Storage

Once delivered to site, it is important to handle and store the Acryglaze panels with care until they are installed into position on the roof.

The Acryglaze panel should be covered and not left exposed to the sunlight for prolonged periods. This precaution is to avoid the PE protective masking from “baking” onto the Acryglaze sheet. The sheet should be stored horizontally on a flat surface with the largest sheet on the bottom. Stacking the sheet vertically IS NOT recommended.

Cutting Instructions

IMPORTANT NOTE: When using machinery, always follow the instructions provided. Work safely and keep work areas clean and hazard free at all times.

ALILITE

Alilite roofing beams can be cut using either a hacksaw with a metal blade or with a drop saw with a suitable blade for cutting aluminium. Ensure that any swarf or sharp burrs are removed prior to installation.

ACRYGLAZE

Circular saws are best used for cutting the Acryglaze sheets to size. Multi tooth carbide blades are most suitable. The sheets should be secured against flutter as this could chip the edge. It is best to work with a stop, such as a wooden bar, to prevent the saw from tilting and causing a potential accident or damaging the edge of the sheet.

Acryglaze sheets are made from premium grade acrylic and when installed will expand and contract upto 3.0mm per metre for every increase of 20 degC. So when calculating your panel length deduct 3.0mm per metre to allow for this movement.

For example if your Alilite beams are 3.0m long, you should cut your Acryglaze acrylic at 2.991m. The required gap between the panel and the wall will be hidden under the flashing between the building and the roof.

