

TB209

Glass Product Care Before & After Installation

Glass Panel Properties

The double glazed glass panel used conforms to BS 1279, BS 12150 and BS 14449. BS 1279 ensures that the panel conforms to gas-filled leaking standards, maintaining a unit that is clear and free from internal condensation.

Aluminium Frame Properties

Where applicable, the powder coated finish is highly resilient to corrosion and will provide protection of the aluminium to external elements.

Extra care should be taken to ensure the rooflight is not scratched by any hard objects when being installed.

Glass Installation Guidance

It is essential that our installation instructions are followed in full and the recommended materials should always be used. The rooflights should not be brought into contact with any other material e.g. adhesives, sealants, paints, solvents including the support structure, without prior approval.

The correct location of sealant (e.g. beneath the PVC kerb or onto a builders upstand) and tightening of fixings is important (see the technical bulletin supplied with your rooflight for details on correct fixing methods). Care should be taken not to overtighten the fixings as this may damage the rooflight.

Before Installation

Packaging

To prevent damage prior to and during installation, glass rooflights are delivered in boxes or pallets. The protective sheets covering the glass on factory glazed rooflights should be removed after installation, and when the work of any following trades is complete.

Storage

Prior to installing, storage of the rooflight should be indoors as far as possible. Where rooflights are stored outdoors before installing, they must be protected from the sun, wind and water. Cover securely with an opaque waterproof cover and ensure adequate ventilation to prevent heat build up. Take care to prevent damage or scratching/markings of the rooflight.

Heat Applied Systems

Though resistant to heat degradation in normal roof conditions, direct application of heat from hot air gun or torch must be avoided as the high temperatures involved may burn or distort the PVC-U frameworks (where present) and possibly damage glazing.

When installed on a roof with a heat applied system, always ensure that there is no direct application of a flame or heat to the glass panel/aluminium framework.

Note: Ensure rooflight is installed following the appropriate installation technical bulletin.

After Installation

Maintenance

The general condition of glass rooflights, and the security of fixings and sealants should be checked periodically as part of the overall maintenance program for the structure into which they are incorporated. If a rooflight is found to be damaged it must be replaced in accordance with the original specification.

A regular cleaning programme will enhance the appearance and help retain the functional properties of the rooflight. The frequency of cleaning will depend on many factors, including:

- Geographical location of the building
- Environment surrounding building. i.e. marine, industrial, alkaline or surrounding trees or other plants etc.
- Levels of atmospheric pollution
- Prevailing winds
- Protection of the building by other buildings
- Possibility of airborne debris causing erosive wear. i.e. sand, salt, grit etc.



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Note: Cleaning should occur at least **every 12-18 months** or more frequently depending on local environment.

Labels, glazing compounds etc. can be removed using warm soapy water, which should then be washed off the product, as described in CLEANING METHOD. More aggressive cleaning agents can be used on standard glass. However, particular care is required for self-cleaning glass.

Cleaning Method

Glass cleaning should be treated with care:

1. Use lukewarm water to rinse panel and soften dried dirt.
2. Make up a solution of lukewarm water with mild detergent or a mild soap, and use this to wash glass; a soft sponge or cloth should be used to gently remove dirt and grime.
3. Rinse with clean lukewarm water and repeat washing if necessary.
4. After final rinse dry off with a soft cloth.

For Glass Link, remove any debris from gutters between modules using a soft brush. Do not flood gutters with excessive volumes of water.

Cleaning of frame is required to remove dirt and desposits that could cause damage during prolonged contact with polyester powder coating. Follow same cleaning method as above.

Glass rooflights can be vulnerable to scratching/markings.

- **DO NOT** scrub with brushes, abrasive materials or sharp instruments as these can mark the surface.
- **NEVER** use solvents, alkaline cleaners, thinners or abrasive cleaners.
- **NEVER** pressure wash glass rooflights.
- **ONLY** use the cleaning procedure as outlined above. Domestic spray-on glass cleaner can be used if required

Incorrect cleaning which in any way damages the glazing/unit seals automatically renders void all warranties.

Actuators

Warranties on actuators are limited to 12 months from date of supply, however, if correctly commissioned, normal use should provide many years of service.

Where fitted, actuators should be checked at least once per 12 months, or otherwise in line with normal building maintenance regime. Checks should include the following:

- Check operation (up / stop / down); report any issues to Brett Martin Daylight Systems for detailed technical guidance as required.
- Check all fixings are seated correctly - re-tighten any loose fixings.
- Clean using a clean, lint free damp (**not wet**) cloth to remove built up dust and other detritus which may otherwise over time prevent proper function of the actuator.
- Apply a few drops only of freeing / lubricating oil (WD40 or similar) to the mechanism to aid operation and prevent binding.

In any event, if further assistance is required, please contact Brett Martin Daylight Systems for further detailed technical advice or guidance.

Rooflight Frames

Polyester powder coated aluminium frames will require cleaning, as described in the CLEANING METHOD, as there is a need to remove dirt and deposits that could cause damage, during prolonged contact with the polyester powder coating.