

The *Swiftbox Skylight®* is composed of materials and finishes from different manufacturers each requiring care and maintenance as per their guidelines, this guide summarizes such guides and should be read in conjunction with each manufacturers' literature. *

General guide

- It is not recommended that the system be walked on, although engineered for trafficking and to prevent falling, trafficking may cause scratches and markings on the translucent sheeting as well as possibly reduce the life of sealants. If trafficking is required, a cotton fabric covered plank should be placed across the ribs to traverse one person at a time.
- An annual roof maintenance should include inspection of the top sheet surface including the overlap seals, and side laps for leakage or obstructions of waterflow, ensuring fixing screws are correctly tightened & sealed, and treating growth of mould/algae with '30 Seconds Roof Treatment' or similar; if treating polycarbonate panel beneath top sheeting wipe down with cloth do not rinse. If removing top roof sheets, then inspect and replace seals if needed.
- When cleaning using a pressure washer care should be taken to avoid side laps and overlaps of the roof sheet to avoid water penetration onto box, a nozzle should be fanned and kept at safe distance. Cleaning of the ceiling side should also be light pressure avoiding the sealed perimeters of the polycarbonate sheet. It is advisable that all cleaning be done when surface temperature is below 25 degrees using mild detergent and in schedule with coating provider.
- Do not drill unauthorised holes into the polycarbonate, drilling holes into the aluminium surface that is exposed to the external environment may void powder coating warranty
- Seek advice prior to fixing light fixture points into aluminium or applying silicon onto sheets.
- Do not expose system to radiant heat exceeding 60° Celsius.
- Seek advice if highly corrosive chemicals are to be stored in vicinity
- When removing top sheet ensure box is protected from water or frost.
- Annual pest inspection of building should be done which includes the roof
- Contact Skylucent Constructs for advice if internal cleaning is required

Fibreglass Roof Sheeting

Refer to manufacturer advice, Inspection and cleaning should be done annually accordingly,

- One person at any one time to traverse using a cloth blanket covered plank placed across ribs.
- Never use abrasive, high alkaline, or any harsh cleaners that could detriment the surface
- Do not leave cleaners on for an extended period including spray-on moss & mould type cleaners, rinse immediately with clean, cold water. Always test cleaners in a small inconspicuous area prior to cleaning entire panel.
- Avoid contact with sharp or abrasive material.
- When using a pressure washer, do not allow the spray tip to come too close to the sheets, as it could cause damage.
- Avoid dry cleaning, as sand and dust particles clinging to the exterior of the panels may scratch the surface. Cleaning should be done annually and thoroughly rinsed with no residue to remain.

Polycarbonate Sunlite® panels & Suntuf® sheeting & Similar Alternatives

- One person at any one time to traverse using a cloth blanket covered plank placed across ribs.
- Never use abrasive or high alkaline cleaners on any polycarbonate product.
- Do not leave cleaning agents on for extended periods. Rinse immediately with clean, cold water.
- Do not apply cleaners in direct sunlight or heat.
- Never use sharp objects, wipers (squeegees) or razors on polycarbonate.
- If unsure always test cleaners in a small inconspicuous area prior to cleaning entire panel
- When using a pressure washer, do not allow the spray tip to come too close to the panel as it could cause damage.
- Avoid dry cleaning as sand and dust particles clinging to the panels may scratch the surface.
- Polycarbonate products can be easily cleaned using a soft sponge or cloth made from 100% cotton, lukewarm water and a mild dish washing detergent. All surfaces should then be rinsed with cold water and dried with a soft cotton cloth to reduce water spotting. Use "30 Second Roof Treatment" for removal of algae/mould, do not rinse Sunlite panels beneath roof sheet.
- Alcohol agents (i.e. Isopropyl) are suitable to a max 70% alcohol content at room temperatures. Hydrogen Peroxide agents at a maximum 3% content. Benzalkonium chloride at max 0.5%

As in the case with all thermoplastic materials, certain chemicals can cause structural as well as surface damage, so precautions must to be taken to avoid any aggressive cleaning agents. Should you wish to use a different cleaning agent not listed above, please contact Palram (or the alternate manufacturer) to inquire about in-house chemical compatibility testing service.

Dulux® Powder Coated Surfaces

The Dulux® Care and maintenance schedules should be adhered to for warranty compliance.

1. The following cleaning schedule table by Dulux must be adhered to in a sub 25°C temperature.

Environment	Conditions	Corrosivity Zone	Example Environments	Recommended Minimum Cleaning
Exterior Environment:	Mild	C2 Low	Arid, urban, inland, city,	Every 12 months
		C3 Medium	Light industrial & coastal	Every 6 months
	Severe	C4 High	Sea shore (calm)	Every 6 months
		C5 Very high Industrial	Heavy industrial	Every 3 months
		C5 Very High Marine	Sea shore (surf)	Every 3 months
Interior Environments	Tropical	Tropical (T)	High, humid and monsoonal	Every 3 months
	General Interior	C1 Very Low	Dry	Every 12 months
		C2 Low	Minor condensation	Every 12 months
		C3 Medium	High Moisture	Every 6 months
		C4 High	Significant contamination	Every 3 months

2. Carefully remove any loose surface deposits with a wet sponge by gently rubbing. Do not rub powder coated surfaces excessively, especially metallic finishes. Avoid contact with sunscreen.
3. Clean by gently rubbing the surface with a soft brush (non-abrasive) and a dilute solution of a mild detergent, e.g. pH-neutral liquid hand or dishwashing detergent in warm water to remove dust, salt and other deposits. For stubborn stains use only recommended solvents on the affected area, e.g. Isopropyl alcohol (IPA) or methylated spirits and rinse off with clean water. Do not use aggressive solvents such as turpentine, white spirits, thinners or citrus based cleaners.
4. Rinse the surfaces with clean fresh water after cleaning to remove all residues.

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* Information herein is current at the time of this publication, refer to the respective manufacturer's official product guides for most current information, Skylucent Constructs not liable for discrepancies.

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