

## SunScope Thermal Unit Maintenance

### Aluminum Framing

Sky-Tech Sky-lights frames are fabricated from 3" - 6063-T5 extruded aluminum alloy. In addition to this, our 3" base frame components incorporate a 1/2" Techo Form Dual plastic strut, which thermally divides the warm inner portion of the aluminum frame, and the cold outer portion, providing an increased thermal efficiency. All skylights have 1" interior condensation gutter, and a full 3/4" round inserted closed cell curb air seal gasket.

The corner joints on all of our skylights have a continuous heliarc weld to provide protection against leakage. All aluminum framed skylights are supplied in mill finish. Optional custom coloured powder coated finishes or anodized finishes are available on special order.

Larger tandem and cluster skylights are custom fabricated to suit specific jobsite conditions. Framing and glazing components are mechanically connected and assembled on site. The skylights are designed to include provisions for expansion and contraction, and to preserve water tight integrity without the use of mastic and caulking.

### Acrylic

The exterior clear acrylic (011-9) material will be 4.5mm thick.

Sky-Tech Sky-lights uses only high quality acrylic or polycarbonate glazing. Acrylic glazing materials are thermally formed and are an excellent choice for domed skylights.

### Maintenance & Cleaning Procedures

Domed skylights are generally maintenance free because they are self washing on the outside. However should cleaning be required use the following procedures as recommended by the manufacturer of the acrylic sheet.

Wash the acrylic dome with a mild soap or detergent and lukewarm water, using a clean sponge or a soft cloth. Rinse well with clean water. Dry thoroughly with a chamois or moist cellulose sponge to prevent water spots.

Fresh paint splashes, grease and smeared glazing compounds can be removed easily before drying by rubbing lightly with a good grade of isopropyl alcohol or butyl cellosolve (2-Butoxy Ethanol). Afterward, a warm final wash should be made using mild soap or detergent solution and ending with a thorough rinsing with clean cold water.

Scratches and minor abrasions can be removed or minimized by using by using a mild automotive polish (not rubbing compound). Three such products that tend to polish and fill scratches, making them invisible, are Johnson paste wax, Novus plastic polish #1 and #2, Novus Inc. Minneapolis, Minnesota, and Mirror Glaze plastic polish (M.G. M10). It is suggested that a trial test be made on a sample of acrylic sheet before proceeding with the Skylight repair.



\*Prior to construction, check with all local building authorities and check building codes for compliance.

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