



WARNING: Please take the time to read through the ENTIRE instructions prior to starting any work. Not following the instructions will invalidate the warranty.

NOTE: Installation should only be completed by individuals skilled with the necessary tools for installation. If you doubt your skills, please consult a qualified installer.

Self Flashing Polycarbonate Skylight



Instructions are for roofs of greater than 3:12 pitch.

NOTE: Compatible glazing tapes and ice/water shields may be used in place of sealants.

Suggested Sealants

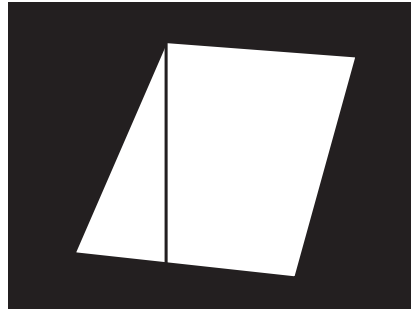
BUTYL SYNTHETIC RUBBER SEALANTS

- Tremco, Inc. TremPro JS-773 Butyl Sealant Off White
- Henkle Corp. PL Ultimate Hybrid Sealant White
- Loctite Loctite Power Grab All Purpose Clear
- Liquid Nails - MACCO Silicone Premium Universal Sealant Clear

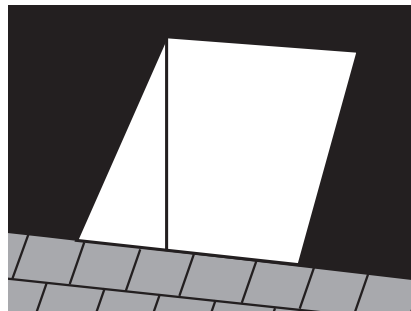
Do not put roofing mastic or hot steep asphalt on the transparent plastic skylight. For best results use a high grade sealant material that has a long life. Low grade sealants should not be used.

NOTE: Check with the sealant manufacturer or dealer for compatibility with polycarbonate plastic.

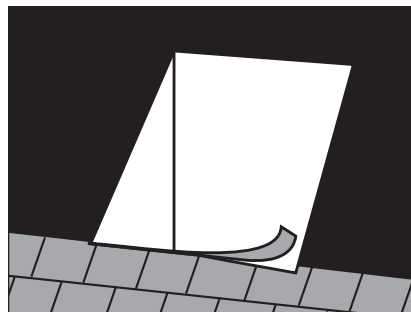
This information is supplied in good faith, without charge and recommendation as to its use. No guarantee of results of any use of the information is to be implied, since the conditions of use are beyond our control.



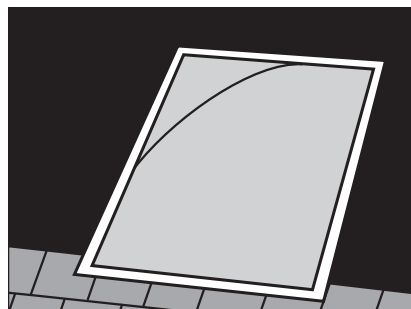
1 Be sure opening is accurately sized (see sizing chart) and is located properly. Check for squareness. Roof felt should already be applied.



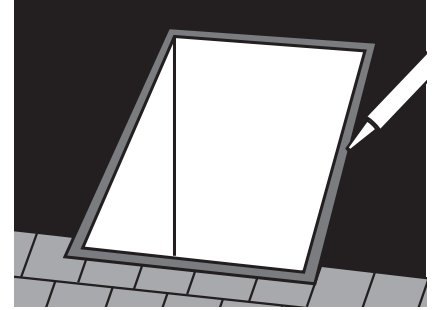
2 Apply shingles to roof, stopping just past the skylight opening.



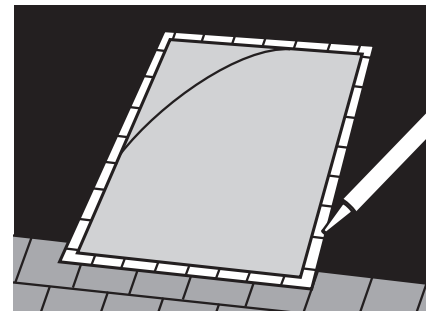
3 Trim any excess shingles out of opening.



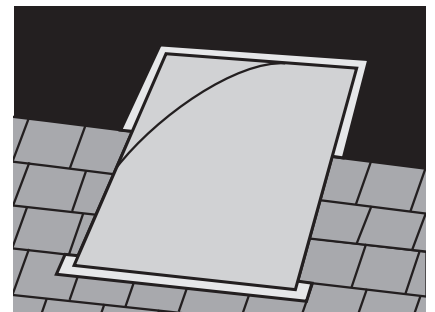
4 Apply three heavy beads of approved or compatible sealant around the opening.



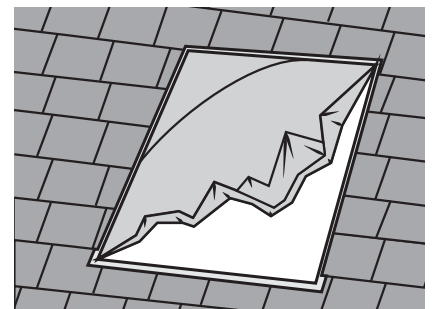
5 Place skylight over opening, being sure to center skylight and keeping it square to the opening. Bottom flange overlaps shingles.



6 Fasten in place using 1 1/4" screws or ring shank galvanized roofing nails. Apply sealant to top of fastener. Apply sealant around perimeter of skylight.

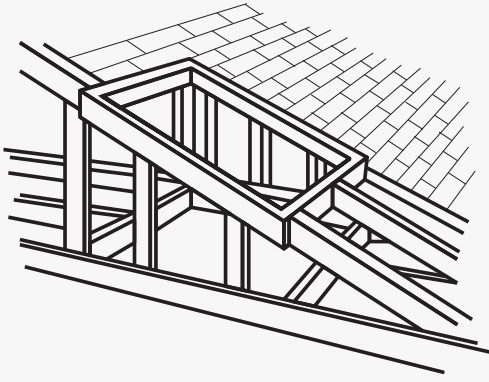


7 Complete shingle application around skylight.




8 Remove protective packaging film from skylight

Building Light Tunnel

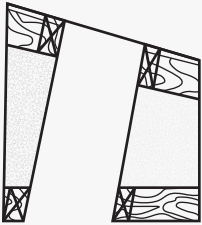


In structures that have a space between the ceiling and the roof such as an attic or crawl space, a light tunnel must be built. Nailers of 2" x 4" must be used to frame the opening between the roof header and the ceiling header. These will be used for attaching the finishing material, i.e., drywall, wall board, plywood, etc. The light tunnel should be wrapped with insulation for optimum performance. Select desired shaft and frame accordingly.

 Indicates 2"X4" Headers

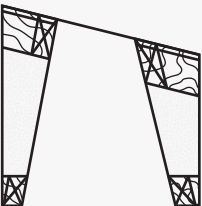
ANGLED SHAFT

An angled shaft is required when the skylight cannot be positioned directly above the area to be lighted because of existing pipes, electrical wiring, duct work or roof limitations, such as ridges or valleys. Locate the skylight as close to the desired areas as possible and then build the shaft on an angle to the ceiling opening.



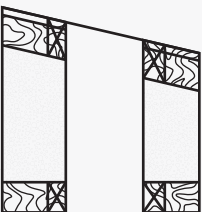
SPLAYED SHAFT

The splayed shaft is used to permit the greatest light exposure. This is done by making the ceiling opening larger than the roof opening.



STRAIGHT SHAFT

A straight shaft from the roof to ceiling can be used. If the roof is flat the ceiling and roof openings will be the same dimension. With a pitched roof, the ceiling opening will be slightly smaller than the roof opening.



Standard Skylight Sizes

Model Size	Rough Opening width x length	Outside Frame includes flange
1414	14.5" x 14.5"	22" x 22"
1422	14.5" x 22.5"	22" x 30"
1430	14.5" x 30.5"	22" x 38"
1446	14.5" x 46.5"	22" x 54"
2222	22.5" x 22.5"	30" x 30"
2230	22.5" x 30.5"	30" x 38"
2246	22.5" x 46.5"	30" x 54"
2269	22.5" x 69.5"	30" x 77"
3030	30.5" x 30.5"	38" x 38"
3046	30.5" x 46.5"	38" x 54"
4646	46.5" x 46.5"	54" x 54"

Cleaning and Maintenance

When you clean your Polycarbonate skylight, use chemically compatible cleaners to ensure continued performance and product life. Your skylight(s) are U.V. protective coated and constructed of polycarbonate sheets.

1. Wash skylight with mild soap or cleaning agent and lukewarm water. Rinse with clear water.
2. Use soft cloth or sponge when gently washing (DO NOT SCRUB) and dry gently and thoroughly with chamois or cellulose sponge.

Some Compatible Cleaning Materials:

- Formula 409® (Clorox Company trademark)
- VM & P grade Naphtha
- Joy® (Proctor & Gamble trademark)
- Windex with Ammonia D® (Drackett Products trademark)
- Top Job® (Proctor & Gamble trademark)

Some Incompatible Cleaning Agents:

- Lysol® (Sterling Drugs trademark)
- Pine Sol® (American Cyanamid trademark)

Fresh Paint, Grease, and Glazing Compound Removal:

Remove above before drying by wiping with a soft cloth saturated with VM & P Naphtha. Then wash as in cleaning instructions.

Label and Sticker Removal:

VM & P Naphtha will generally remove masking and other label adhesives. Wash afterwards as in cleaning instructions. Excessive rubbing or scraping can damage skylight surface.

Cautions:

Benzene, gasoline, acetone, or carbon tetrachloride should not be used on our skylights. Use no abrasive or alkaline cleaners. Avoid scraping with razor blades or other instruments. Do not clean skylights in direct sunlight or at elevated temperatures.

Tru-Lite
SKYLIGHTS

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