

Developed after 25 years of Skylight experience, the SKY-TECH THERMAL UNIT is a true thermally broken Skylight. Equipped with a rigid aluminum frame that assures a positive leak free installation with protection against condensation even under unusual moisture conditions.

What makes Sky-Tech Sky-Lights different from the competition?

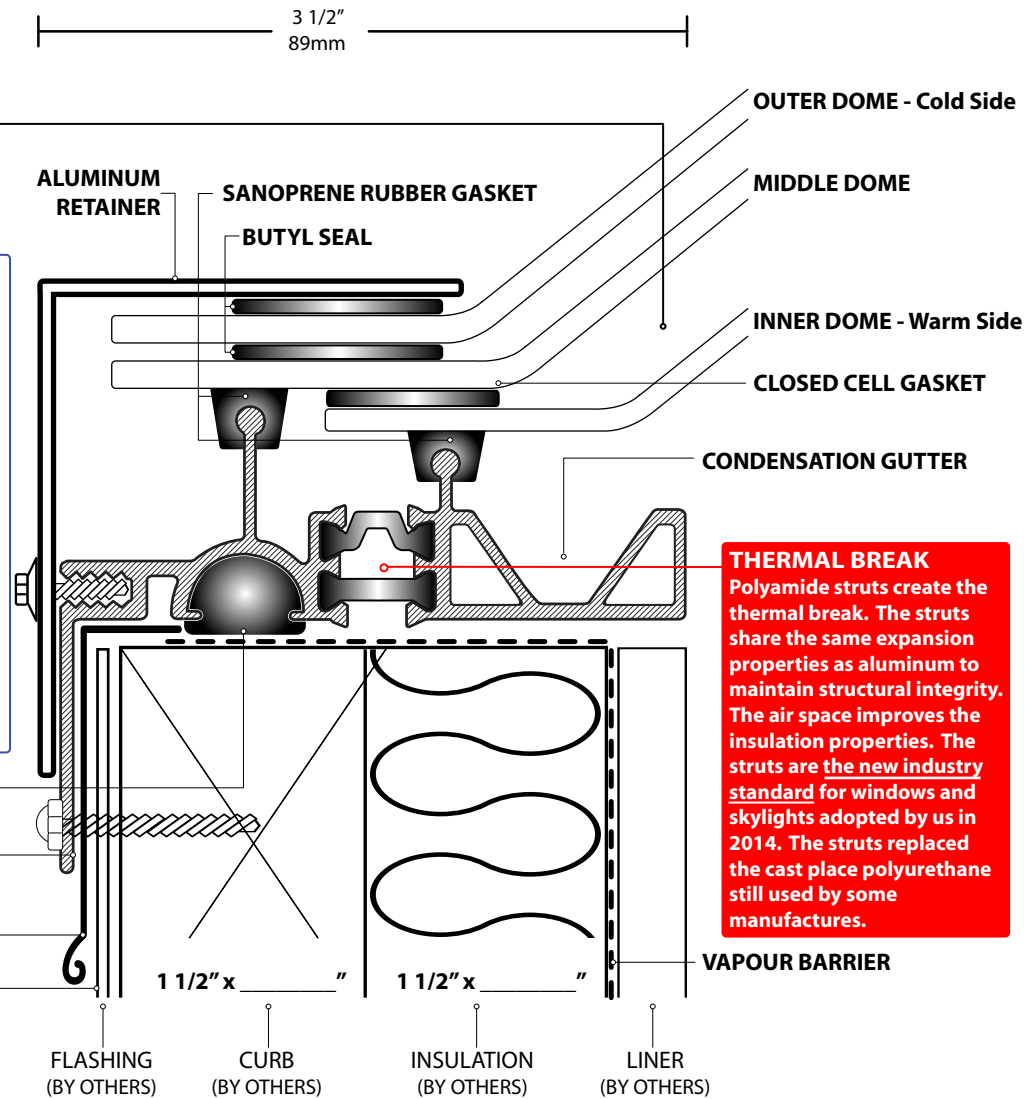
NOTE:
POSITIVE SPACE BETWEEN DOMES AT THIS POINT BECAUSE THE INNER DOME IS FORMED SMALLER AND STAYS ON THE WARM SIDE.

CONVENTIONAL SKYLIGHTS
MAKE THE INNER DOME THE SAME SIZE FOR REASONS OF ECONOMY. THIS ALLOWS THE INNER DOME TO BRIDGE TO THE OUTSIDE AND FREEZE UP UNDER ADVERSE WEATHER CONDITIOS.

VERY LITTLE AIR SPACE AROUND THE EDGE

INNER DOME EXTENDS TO OUTSIDE

NO THERMAL BREAK OR A RESIN THERMAL BREAK, NO FOAM CURB SEAL AND VERY LITTLE CONDENSATION GUTTER, SKYLIGHTS ARE CAULKED OR TARRED TO CURB.



THERMAL BREAK
Polyamide struts create the thermal break. The struts share the same expansion properties as aluminum to maintain structural integrity. The air space improves the insulation properties. The struts are the new industry standard for windows and skylights adopted by us in 2014. The struts replaced the cast place polyurethane still used by some manufactures.

Product Specs

For designers or architects wishing to specify Sky-Tech Sky-Lights, the following short specification may be quoted;

"Curb Mounted Skylight."

"Skylight shall be Sky-Tech Acrylic dome style (or glass) skylight, as manufactured by Sky-Tech Sky-Lights. They shall be factory assembled units consisting of extruded 3" aluminum base frame (6063-T5 alloy), heliarc welded corners, complete with a full 3/4" Technoform Thermal Break, a 1" condensation gutter, and a full closed cell curb air seal gasket. The inner dome shall be fully installed on the warm side of the frame with a closed cell foam gasket seal to prevent air leakage to the exterior. Glazing material shall be (single, double, or triple) 4.5 Mill acrylic (or polycarbonate) domes, in clear (or bronze tinted or white translucent). Specify type and colour of glazing material and frame finish (if other than mill finish)."

Skylight warranty shall be 5 year minimum from date of sale or date of installation by Sky-Tech Sky-Lights.

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

