



#8545 100% SILICONE SEMI-SELFLEVELING SEALER

PURPOSE

Lucas #8545 is a one component, non-shrink, advanced technology silicone sealant designed for the construction of liquid flashing systems and sealing pitch pockets and pans, metal roof seams & fasteners, inlaid gutters, polyurethane foam, PVC and EPDM roofs. #8545 is ideal for high temperature applications up to 300° F. It may also be used on TPO roofs when primed with Lucas #8015. When used on smooth surface modified bitumen and asphalt BUR priming with Lucas #4015 2 Part Epoxy Primer is recommended. #8545 is compatible with Lucas silicone coatings. It is ideal for repairing hail damaged polyurethane foam roofs. It may also be used in conjunction with Lucas PolyPans® and metal pitch pockets which can be combined to produce pans of various sizes and shapes.

Lucas #8545 is semi-selfleveling so that it can be used to fill pitch pockets and pans, seal gutters and metal roof seams & fasteners with minimal tooling. Viscous enough to avoid running and drain out issues encountered with more liquid sealers. #8545 is high solids which results in no shrinkage. Conventional plastic caulk tube or 2 liter spout pouch packaging eliminates the requirement for custom application equipment and waste associated with larger packaging. Performance range is -40° F to +200° F.

APPLICATION

It is recommended that the roof surface be wiped clean with Lucas #5025. This will remove surface contamination and dramatically improve adhesion of the sealer to metal, PVC, primed TPO, EPDM and smooth surfaced asphalt and modified bitumen roofs. Insert cartridge into a standard "quart" size caulk gun. Cut tip, puncture seal and apply as desired. In pitch pans the material should be over filled slightly so that water doesn't sit in the pocket. Penetrations should be coated with Lucas #4500 one inch above the surface of the pitch pocket. Unused material can be saved by sealing the tip with tape or plastic film. Allow 24 hours before coating with Lucas water-based acrylic coatings. For pitch pocket information, see the Lucas #404, #406 and #424 metal pans and #407 and #408 PolyPan® Product Data Bulletins.

Pockets and Holes	48.5 cubic inches per tube
Metal Roof Seams	33 ft per tube
Metal Roof Fasteners	100 per tube

Clean up: Clean up with Lucas #125 Safe Solve™.

Shelf life: One year from the date of manufacture. Store in a cool dry place. High temperatures and high humidity during storage will shorten the product's shelf life.

CAUTION: Do not take internally. If swallowed, do not induce vomiting. Keep out of reach of children. Read SDS prior to use.

#8545 SPECIFICATIONS

ASTM C-920, Type S, Class 35, Use NT, T, M, G, A & O

Fed Spec TT-S-00230, Class A, Type II

Canadian Standards Board CAN 19, 13-M87

Viscosity	ASTM D 2196	200,000 cps
Solids by Weight	ASTM D 1644	98%
Solids by Volume	ASTM D 2697	97%
Weight Per Gallon	ASTM D 1475	13 lbs.
Hardness – Shore A	ASTM C 661	31
Tensile Strength	ASTM D 2370	350 psi
Elongation	ASTM D 2370	500%
Movement	ASTM C 719	+/-35%
Skin Time	ASTM C 679	30 Minutes
Tack Free	ASTM C 679	2 Hours
Flash Point	ASTM D56	None
VOC	EPA 24/SCAQMD	15 g/l / < 3%

Properties +/- 5%

Container Sizes: 28 oz. cartridge, 2 liter pouch

Colors: White, Black

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