



## #4554 SEMI-SELF-LEVELING SEALANT

### PURPOSE

Lucas #4554 is a one component, non-shrink, advanced technology sealant designed for the construction of liquid flashing systems and sealing roof penetrations, metal roof seams & fasteners, inlaid gutters, polyurethane foam, PVC and EPDM roofs. 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. #4500 is compatible with Lucas water-based acrylic coatings. It is ideal for repairing hail damaged polyurethane foam roofs.

Lucas #4554 is semi-self-leveling so that it can be used to perform general roof repairs, seal roof penetrations, gutters and metal roof seams & fasteners with minimal tooling. Viscous enough to avoid running on steep slope applications and drain out issues encountered with more liquid sealers. 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. When used as a liquid flashing to seal roof penetrations, apply 1/8 inch thick, embed Tietex T-325 reinforcement and apply an additional 1/8 inch thick layer on top of the fabric. 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.

Metal Roof Seams 33 ft per tube  
Metal Roof Fasteners 100 per tube

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

Shelf life: Two years 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.

### #4554 SPECIFICATIONS

ASTM C-920, Type S, Class 25, Use NT, T, M, G, A & O

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

Canadian Standards Board CAN 19, 13-M87

Viscosity	ASTM D 2196	200,000 cps
Solids by Weight	ASTM D 1644	97%
Solids by Volume	ASTM D 2697	95%
Weight Per Gallon	ASTM D 1475	13.2 lbs.
Hardness – Shore A	ASTM C 661	32
Tensile Strength	ASTM D 2370	250 psi
Elongation	ASTM D 2370	150%
Movement	ASTM C 719	+/-25%
Skin Time	ASTM C 679	30 Minutes
Tack Free	ASTM C 679	2 Hours
Flash Point	ASTM D56	None
VOC	EPA 24/SCAQMD	10 g/l / < 3%

Properties +/- 5%

Container Sizes: 10 oz. 28 oz. cartridge, 2 liter pouch, 3.5 gal, 5 gal, 55 gal

Colors: White, Black, Gray, Tan

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