



LUCAS Professional Coatings, Sealants & Adhesives

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#4500

SEMI-SELFLEVELING SEALER

#4500 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

PURPOSE

Lucas #4500 is a one component, non-shrink, advanced technology polyurethane 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 #4500 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. #4500 is 100% solids which results in zero 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. 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

PHONE
Lafayette
0545

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.

California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause birth defects and/or reproductive harm.

Viscosity	ASTM D 2196	200,000 cps
Solids by Weight	ASTM D 1644	100%
Solids by Volume	ASTM D 2697	100%
Weight Per Gallon	ASTM D 1475	13 lbs.
Hardness – Shore A	ASTM C 661	31
Tensile Strength	ASTM D 2370	400 psi
Elongation	ASTM D 2370	400%
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	8 g/l / < 3%

Properties +/- 5%

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

Colors: White, Black, Gray

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Seller warrants that this product shall be free of any defect in material or workmanship under normal use for a period of ONE YEAR from the date of purchase. This warranty does not extend to any defect or failure caused by misuse and/or incorrect application. LIMITATION OF LIABILITY: In the event of a defect or failure falling under this warranty, Buyers sole remedy shall be refund of the purchase price or replacement of the defective material, at Seller's option. Under no circumstances shall Seller be liable for any losses or damages caused by this product, whether direct, indirect, special, incidental or consequential damages, whether based on contract, tort (including negligence) or any other legal theory.

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