



# LUCAS Professional Coatings, Sealants & Adhesives

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## #4500 SEMI-SELFLEVELING SEALER

### PURPOSE

Lucas #4500 is a one component, non-shrink, advanced technology polyurethane 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. 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. 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 #4500 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 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. 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

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.

### #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

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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