



#4500 SEMI SELF-LEVELING SEALER

PURPOSE

Lucas #4500 is a one component, non-shrink, advanced technology polyurethane sealant designed for the construction of liquid flashing systems, sealing Lucas PolyPans, and other pitch pockets, metal roof seams & fasteners, inlaid gutters, polyurethane foam, PVC, and EPDM roofs with minimal tooling. It may also be used on TPO roofs when primed with Lucas #8015. Lucas #4500 is compatible with Lucas acrylic and silicone coatings. Lucas #4500 is ideal for repairing hail damaged polyurethane foam roofs. Service Temperature range is -40° F to +200° F.

APPLICATION

It is recommended that the roof surface is cleaned and dried. This will dramatically improve adhesion of the sealer to metal, PVC, EPDM, smooth surfaced asphalt, and modified bitumen roofs. For TPO applications, prime with Lucas #8015 TPO Primer. Remove the cap and install the spout (cut to desired opening size). Apply as needed. When 3 coursing is necessary, apply #4500 1/8 inch thick, embed white polyester reinforcement and then apply an additional 1/8" thick layer of Lucas #4500 on top of the fabric. Allow 24 – 48 hours before applying Lucas acrylic or silicone coatings. Unused material can be saved by removing the air pouch and resealing the cap.

Metal Roof Seams - 60 linear ft per 2 liter pouch (1 1/4"

Wide by 1/8" deep)

Metal Roof Fasteners - 200 per 2 liter pouch

Clean up: Tools and other equipment can be cleaned with mineral spirits. Take necessary precautions when handling combustible materials.

Storage: Keep from freezing. Keep out of direct sunlight. Do not heat or thin. Store between 40°F and 95°F. High temperatures and high humidity during storage will shorten the product's shelf life. Store in a cool dry space.

Shelf Life: One year from the date of manufacture. Store in a cool dry place.

CAUTION: Do not take internally. If swallowed, do NOT induce vomiting. Keep out of reach of children. Read SDS prior to use. For professional use only. EMERGENCY CONTACT: CHEMTREC 1-800-424-9300.

#4500 SPECIFICATIONS

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

Fed Spec TT-S-00230c, Type I, Class B

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%
Hardness – Shore A	ASTM C 661	31
Tensile Strength	ASTM D412	400 psi
Elongation	ASTM D412	400%
Movement	ASTM C 719	+/-25%
Tack Free	ASTM C 679	2 Hours
Flash Point	ASTM D56	None
VOC	EPA 24/SCAQMD	8 g/l / < 3%

Properties +/- 5%

Container Size: 2 liter pouch

Colors: White, Black

To the extent allowed by local law, except as set forth below, seller makes no warranty of merchantability or fitness for any particular purpose with respect to the goods herein sold. There are no other warranties of any kind, expressed or implied, beyond the terms set forth on the face hereof. No employee or agent of the seller is authorized to alter the terms hereof.

Seller warrants that this product shall be free of any defect 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, buyer's sole remedy shall be refunded 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.

NOTE: Some or all of the foregoing may not apply or may be invalid under the laws applicable to buyer's purchase or claim. Consult local law to determine the applicability of any of the foregoing in the event of any defect or failure of this product.

10/03/2025