



# LUCAS Professional Coatings, Sealants & Adhesives

R.M. Lucas Co. 3211 S. Wood St. Chicago, IL 60608 (773) 523-4300 rmlucas.com

## #8500 SILICONE MASTIC NEUTRAL CURE - OXIME

### #8500 SPECIFICATIONS

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

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

Canadian Standards Board CAN 19, 13-M82

#### PURPOSE

Lucas #8500 Silicone Mastic is a high solids non-shrinking moisture cure silicone mastic intended for flashing, sealing and repairing roofs, walls, masonry and metal roof seams & fasteners. #8500 has minimal odor, contains no solvents and less than 10 grams per liter VOC. Use to seal penetrations and terminations prior to application of Lucas #8000 100% Silicone Roof Coating. Excellent adhesion to concrete, masonry, vinyl, fiber cement, polyurethane foam, EPDM, aged acrylic coatings, granular cap sheet, wood, metals, Kynar® and most other common building materials. May be applied to wet and underwater surfaces. Lucas #8015 TPO Primer is required for application TPO roofs.

Lucas #8500 is a non-reactive oxime, neutral cure silicone and will bond extremely well to a wide variety of surfaces. It does not emit acidic byproducts during cure like acetoxysilicone sealants.

#### APPLICATION

Surface to be sealed must be clean but may be slightly damp. Apply with a trowel or 4 inch chip brush at a minimum of ¼ inch thick and taper the edges of the application. Lucas #8500 is immediately weather resistant.

Application below 32°F (0° C) is possible however curing requires free moisture in the air and will not begin until the temperature is above freezing.

Not recommended for surfaces to be painted. For a high solids paintable sealant refer to Lucas #9600.

Clean up: Clean up with Lucas #901.

Shelf life: Two years from the date of manufacture - unopened. 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.

Viscosity	ASTM D 2196	500,000 cps
Slump	ASTM C 693	No Sag
Solids by Weight	ASTM D 1644	98%
Solids by Volume	ASTM D 2697	97%
Weight Per Gallon	ASTM D 1475	11.5 lbs.
Hardness – Shore A	ASTM C 661	26
Tensile Strength	ASTM D 2370	200 psi
Elongation	ASTM D 2370	500%
Movement	ASTM C 719	+/-25%
Skin Time	ASTM C 679	20 Minutes
Tack Free	ASTM C 679	1 Hour
Flash Point	ASTM D56	None
VOC	EPA 24	Less than 50g/l

Container Sizes: 1 and 3.5 gal pails.

Colors: White, Gray, 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 EXPRESS OR IMPLIED BEYOND THE TERMS SET FORTH ON THE FACE HEREOF. NO EMPLOYEE OR AGENT OF SELLER IS AUTHORIZED TO ALTER THE TERMS HEREOF.

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.

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.

