



# LUCAS Professional Coatings, Sealants & Adhesives

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## #8500 SILICONE SEALANT NEUTRAL CURE - OXIME

### #8500 SPECIFICATIONS

#### PURPOSE

Lucas #8500 Silicone Sealant is a high solids non-shrinking moisture cure silicone sealant intended for sealing and repairing roofs, masonry, architectural metal 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, polyurethane foam, EPDM, aged PVC, 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 an oxime, neutral pH cure rather than acetoxo, acetic acid cure silicone and will bond extremely well to a wide variety of surfaces and will not cause corrosion in metals.

#### APPLICATION

Surface to be sealed must be clean but may be damp. Maximum recommended joint width and depth is 1 inch. 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 or #9900.

Clean up: Clean up with Lucas #901.

Shelf life: One year 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.

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

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

Viscosity	ASTM D 2196	700,000 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	10 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	10 Minutes
Tack Free	ASTM C 679	1 Hour
Flash Point	ASTM D56	None
VOC	EPA 24	10 g/l / < 3%

\*Sample cured prior to heating.

Container Sizes: 10oz. Tubes, 1 and 3.5 gal pails.

Colors: White, Clear (tubes only)

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