



LUCAS Professional Coatings, Sealants & Adhesives

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#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 sealing and repairing roofs, walls, masonry, windows, doors, 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, 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. Maximum recommended joint width and depth for mastic applications is 1 inch wide and 5/8 inch deep. Use backer rod in deep joint sealant applications. For cartridge application, unscrew tip, use the tip to puncture the foil seal. Reattach the tip and cut to the desired size. Spouts may be reused immediately to avoid waste of material. In roofing field applications using pails, 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	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%

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

Colors: White, Clear (tubes only)

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