



## #8100 100% SILICONE MASONRY WALL COATING

### #8100 SPECIFICATION

ASTM D-6694

#### PRODUCT DESCRIPTION

100% silicone based Lucas #8100 is a single part wall coating that creates a barrier that is resistant to natural weathering, is durable, breathable, watertight and weatherproof. Lucas #8100 is also graffiti resistant and will not allow adhesion of most types of water and solvent based paints. #8100 is an oxime neutral cure chemistry that is not corrosive to metals. #8100 has very low dirt pick up compared to conventional silicone wall coatings that contain fugitive extending oils and plasticizers.

Lucas #8100 is manufactured from durable inorganic silicone elastomers, reinforcing and reflective pigments and silane adhesion promoters.

#### APPLICATION

Mechanically mix prior to application. Surface to be coated must be dry and free of dirt or corrosion particles. All Joints, cracks and penetrations should be sealed with Lucas #8500 silicone sealant. For best results, two coats are recommended. Apply basecoat of #8100 at a rate of 1 to 2 gallons per 100 sq. ft. Allow coating to cure, typically 2 to 4 hours, then apply second coat at the rate of 1 to 2 gallons per 100 sq. ft. The second coat should be applied within 72 hours of the first coat. Use #8100 as it comes from the container, no thinning is necessary with this product.

This product cures through absorption of moisture from both the substrate and the air. Avoid entraining air when mixing. Cure time will be faster in humid conditions and on substrates that hold moisture such as concrete. Open and partially full containers will skin over quickly. If this occurs, remove the skin and continue using the remaining product.

The preceding directions are basic guidelines only. Please read and understand the complete Lucas Guide Specification for this product for the intended application. The Guide Specification is available from [techsupport@rmlucas.com](mailto:techsupport@rmlucas.com)

Clean up: Clean up with Lucas #901.

Shelf Life: One year from the date of manufacture.

CAUTION: Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. Keep out of reach of children. Read SDS prior to use.

Viscosity	ASTM D 2196	30,000 cps
Solids by Weight	ASTM D 1644	98%
Solids by Volume	ASTM D 2697	97%
Weight Per Gallon	ASTM D 1147	10 lbs.
Tensile Strength	ASTM D 2370	478 psi
Elongation	ASTM D 2370	235 %
Tear Strength	ASTM D 624	29 lbf/in
Permeance	ASTM E 96	8.6 perms
Wind Driven Rain	TT-C-555B	Pass
Mold Resistance	ASTM D 3273	No Growth
Fungus Resistance	ASTM D 3274	No Growth
Reflectivity – Initial	ASTM C 1549	.84
Reflectivity – Aged	ASTM D 1918	Pending
Emissivity	ASTM C 1371	.90
SRI	LEED	105
Flash Point	ASTM D 56	NA

Container Sizes: 1, 5, 55 gallon

Colors: White, Gray, Clear

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