



DARE TO DIY DIFFERENTLY

Liquid Rubber Silicone Roof Coating is a high solids, high performance, elastomeric silicone coating that can be applied over many existing surfaces including Concrete, Metal, EPDM, PVC, SPF, *Aged Smooth Surface BUR or Granulated Mod-Bit, **Aged/properly prepared TPO

With it's high solids composition, **Liquid Rubber Silicone Roof Coating** can be applied up to 40 mil in one coat, without blistering, and forms a durable, flexible, seamless membrane.

Liquid Rubber Silicone Roof Coating contains no solvents and is not affected by sunlight or oxidation.



LIQUID RUBBER SILICONE ROOF COATING PERFORMANCE FEATURES

- Excellent Solar Reflectivity & Emissivity
- UV & Infrared Resistant
- Low VOC's,
- No Solvents
- 1 coat application up to 40 mil (1mm)
- Highly Flexible With Minimal Shrinkage
- Strong Adhesion to Metal, Concrete, SPF, & More
- Moisture Cure



APPLICATION EQUIPMENT

Liquid Rubber Silicone Roof Coating is applied using a brush, medium nap roller, tank spreader or silicon rated airless paint sprayer. Recommended spray equipment is a Graco GH 933 with a Monark 3 GPM drum transfer pump. Minimum 3500 psi output is required at the spray head and minimum 5000 psi output for the spray unit for correct atomization. Hoses need to be a minimum 3/4" ID BUNA-N jacketed for flow and prevention of moisture contamination. The spray gun should be high pressure rated 5000 psi with reverse-a-clean spray tip. With a minimum orifice of .030 and a 50° fan tip. Graco spray gun is model XTR7. Additional Graco models recommended are GH 675DI and Xtreme X70.

• Flow Rate	3 gpm
• Pressure	5000 PSI

• Tip Size	0.030 -50° Fan
• Motor	13 HP

The sprayer must be capable of spraying an elastomeric coating.

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DRYING TIME

At 25°C and 50% relative humidity, **Liquid Rubber Silicone Roof Coating** is tack free in 1-2 hours, & cures in 4 hours. Curing time increases in colder temperatures or lower humidity so environmental conditions must be considered before application. Second coat, when desired, should be applied within 48 hours.



SUITABLE APPLICATIONS INCLUDE BUT ARE NOT LIMITED TO

- Metal Roof
- EPDM Roof Membranes
- RV Roof
- Well-Adhered Acrylic Coatings
- Granulated Cap Sheet
- Concrete Roof
- SPF Roof
- Smooth Surface BUR



PHYSICAL PROPERTIES

Color (Liquid)	White
% solids (wt) (Liquid)	98%
Tensile strength (ASTM D-2370)	478 psi
Elongation (ASTM D-412)	235%
SRI Value	106

Permeability (ASTM E-96)	8.7 Perms
Tear Strength (ASTM D-624)	29 lbf/in
Initial Solar Reflectivity (ASTM C-1549)	.84
Initial Thermal Emissivity (ASTM C-1371)	.91
Flash Point (ASTM D-56)	NA

LIMITATIONS & WARRANTY

- Do not apply to dirty or contaminated surfaces
- Do not apply below 10°C/50°F
- Avoid contact with solvents and solvent type adhesives
- *A bleed blocking primer is needed for bitumen based systems to prevent bleed through; Contact Technical Support
- **A TPO primer is needed to increase adhesion on TPO surfaces
- *Not recommended for use over aluminum coatings

PACKAGING

- 18.9 L (4 Gal.) Pails
- 3.78 L (1 Gal.) Cans

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