



# 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 its 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.

The sprayer must be capable of spraying an elastomeric coating.

• Flow Rate	3 gpm
• Pressure	5000 PSI

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



## 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.



## 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)	92%
Tensile strength (ASTM D-412)	247 psi
Elongation (ASTM D-412)	237%
SRI Value	113

Permeability (ASTM E-96)	10.7 Perms @ 20 mil
Accelerated Weathering (ASTM G-154)	No degradation, 5000 hrs
Initial Solar Reflectivity (ASTM C-1549)	89
Initial Thermal Emissivity (ASTM C-1371)	90
Flame Spread (ASTM E-108)	Class A

## 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

## PACKAGING

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