

Liquid Rubber MetalSafe S-300 is a single-component, liquid applied corrosion protective waterproofing sealant combining various elastomeric polymers for a high-performance, durable, seamless membrane.

Containing no solvents, Liquid Rubber MetalSafe S-300 is non-flammable and will not damage polyurethane or polystyrene insulation materials. A variety of different reinforcing fabrics can be imbedded into the membrane to produce superior waterproofing protection.

Liquid Rubber MetalSafe S-300 Performance Features

- Waterproof – low vapor permeability
- No VOC content
- No Solvents
- No harmful odors
- Freeze/thaw stable – stored at any temperature
- Excellent adhesion to the substrate so water will not run beneath the membrane
- Use directly over light rust

Application Equipment

Liquid Rubber MetalSafe S-300 is applied using a brush, roller or sprayer to provide a seamless and fully adhered membrane to most substrates. This all-purpose waterproofing sealant is designed for roof and concrete surfaces as well sealing cracks, joins and flashings.

Drying Time

At 25°C and 50% relative humidity, Liquid Rubber MetalSafe S-300 fully cures in 24-48 hours. Curing time increases in colder temperatures or higher humidity so environmental conditions must be considered before application.

Suitable Applications include but are not limited to:

- Metal Roof Maintenance & Restoration
- Beams & Pipes
- Tanks & Containment Areas
- Gutters & Eaves Through Repair
- Metal Planter Boxes
- Flashings & Vents

Physical Properties

Color (Liquid)	Brown to Black	Water Absorption (EN 1062)	0.0002 kg/m ² hr ^{0.5} (Excellent)
% solids (wt) (Liquid)	60 - 63%	Accelerated Weathering	No degradation 400 hrs UV
Tensile strength	>120 psi	Salt Fog ASTM B 117-97	1200 hrs Passed
Elongation	>950%	Freeze/Thaw Stability	Pass – 10 cycles
Low Temp Flex	-15C	Adhesion to Clean Steel	15 psi ASTM C-794

Limitations & Warranty

- Do not apply to dirty or contaminated surfaces
- Do not apply below 5°C
- Avoid contact with solvents and solvent type adhesives
- Do not apply over coal tar

Packaging

- 205 litre plastic drum (55 Gal)
- 18.9 L (5-Gal) Pails
- 3.78 L (1-Gal) Cans
- 946 ml (1 Quart) Cans

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