

Liquid Rubber MetalSafe B-300 is a water-based elastomeric coating that provides exceptional corrosion and waterproofing protection for a variety of metal surfaces. Spray applied in conjunction with an inorganic rapid-set accelerator, Liquid Rubber MetalSafe B-300 instantly forms a rubberized, fully adhered seamless membrane that resists cracking, aging and separation.

## MetalSafe B-300 Performance Features

- Seamless waterproof membrane
- Can be applied to lightly rusted or corroded surfaces
- Fully bonded to the metal substrate so water will not run beneath the membrane
- Highly resistant to salts, chemicals and acids
- Cold-applied & water-based for increased worker safety
- No VOC content or harmful odors
- Freeze/Thaw stable

## Application Equipment

MetalSafe B-300 is applied using the HVLP 2000, a dual diaphragm pump system that is easy to use and has been specifically designed for instant-setting capability. The product is sprayed concurrently with an inorganic salt solution, which transforms the product as a liquid into a continuous rubberized membrane as it makes contact with the metal surface.

## Drying time

At 25°C and 50% relative humidity, MetalSafe B-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:

- Commercial and Residential Metal Roofs
- Mining, Pulp & Paper, and Processing Plants
- High Salt-Water Climates
- Processing Tanks and Metal Containment Structures

## Physical Properties

Color (Liquid)	Brown to Black (cured)	Water Absorption (EN 1062)	0.0002 kg/m <sup>2</sup> hr <sup>0.5</sup>
% solids (wt) (Liquid)	60 - 63%	Accelerated Weathering	No degradation, 250 hrs
Tensile strength	>150 psi	Working Temperature	-40°C to + 80°C
Elongation	>900%	Freeze/Thaw Stability	-20C Pass 4 cycles

## Limitations & Warranty

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

## Packaging

- MetalSafe B-300 is available in:
- 1000 litre totes (IBCs)
  - 205 litre plastic drum (55 Gal)

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