



SILICONE COATING SOLUTIONS

Technical Product Data

RI-1300 Rust Inhibitor

PRODUCT DISCRIPTION:

RI-1300 is a high quality, water-based, rust inhibiting, low VOC for spray brush or roller application. A self-cross-linking technology that provides low VOC levels with greater corrosion resistance and adhesion properties. With its special formulation it has the unique ability to resists heat, cold, moisture and weathering. Dries quickly for a reduced time before silicone coating application.

STORAGE AND SHELF LIFE:

RI-1300 has a recommended shelf life of 12 months from date of manufacture @ 40-90° F

INSTALLATION:

This product may be brushed rolled or sprayed on a clean, dry surface. If sprayed, material should be at least 75°F. Before applying additional coat, the previous coat must be completely dry and cured. If any contamination is present on the cured surface it must be washed and completely dry before application of subsequent coats.

PACKAGING and SHIPPING:

55 gallon drum and 5 gallon pail - Shipping Class - Class 55

TYPICAL PROPERTIES:	
Volume solids.....	41.0 \pm 2%
Weight Per Gallon.....	10.0 lbs \pm 0.2%
VOC.....	65 g/Liter
Clean Up.....	Water
Viscosity.....	800 \pm 200 cps

APPLICATION PROPERTIES

Yield (1 gal to 200 sq ft) @ 48 wet mils
Dry Time (75° F) 2-3 Hours
Recoat window 2-3 Hours
Complete Cure 24 Hours

LIMITATIONS

Surface must be clean and dry. Application is not recommended on roofs with slopes less than 1/8 in 12 or where ponded water is present. Do not apply over wet substrates or when inclement weather is imminent. Complete cure of SP-1500 requires complete evaporation of water. Cool temperatures and high humidity retard cure. In addition, this product is not recommended for use without a vapor barrier in cryogenic tank or cold storage roofing applications. It is not intended as a thermal barrier.

COLORS - Dark Red

EQUIPMENT - minimum requirements

- Roller - 1¼" nap roller

Spray - 30:1 fluid to air ratio capable pump - 2 1/2 gallons or more per minute (continuous) - Filter screen 30 mesh or larger - Hose rated to 2x maximum pump pressure - Hose lining should be compatible with coating and required clean-out materials - Hose lengths: (Largest diameter at pump) + 3/8 minimum 6 ft wip 3/8 minimum I.D. up to 75 feet + 1/2 minimum I.D. up to 200 feet + 3/4 minimum I.D. over 200 feet - Spray gun: Graco Hydra Mastic or equivalent - Spray Tip: Reversible self-cleaning type + Orifice size of .027 to .039 + Fan angle of 40° to 50° - Always use components rated for pump pressures.

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