RONASS ANTI-CORROSIVE PRIMER
RTB-304

Special one-component synthetic primer with excellent adhesion, hiding power and anti-corrosive properties.

USES AND SUITABALE TOP-COATS

Recommended Uses	First coat or single coating system for brushed and sandblasted steel surfaces and maintenance operations in atmospheric service up to 80°C.
Suitable Top-Coats	Depending on service conditions, RTB-304 can be over-coated by a wide range of alkyd paints, chlorinated rubber coatings or vinyl systems.

CHEMICAL COMPOSITION

Type of Binder	Modified Alkyd Resin	Solid Content	70 ± 1% By Weight
Number of Component(s)	1 Component		54 ± 2% By Volume
Curing Mechanism	Solvent Evaporation and Oxidation	Flash Point	28°C (82°F)
Main Pigment(s)	Red and Black Iron Oxide		

PHYSICAL PROPERTIES

Finish	Semi flat
Colour	Dark Brown (Comparable with RAL-8016: Mahogany Brown)
Specific Gravity	1.30 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation: All oil, grease, dirt and other contaminants must be removed from the surface. Wire Brush or sandblast according to Swedish Standard (SIS 5900)St. 2 is recommended.

Theoretical Consumption: 120 gr/m² @ 50 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.011" – 0.013"	1.80 mm	---	---
Pump Ratio	1 / 28	---	---	---
Air Pressure	3 – 4.5 Bar	3 – 5 Bar	---	---
Thinning	5 – 10% T-411	10 – 20% T-411	3 – 5% T-411	2 – 4% T-411

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	95	75	110
Dry Film Thickness (µm)	50	40	60

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Recoating Interval
20 – 40 Minutes	3 – 4 Hours	12 – 16 Hours	Min. 24 Hours Max. 14 Days

**Drying time calculated at 25°C according to ASTM test method D-1640 for 100 µm WFT*

Application Limits

Relative Humidity	Min. ---	Max. 80%
Temperature	Min. +5°C	Max. +40°C
Substrate Temperature*	Min. +5°C	Max. +45°C

**Please note that the substrate temperature should be at least 5°C above the dew point*

Recommendations:
-Should the recoating interval have expired, please refer to the procedures outlined in the Ronass Instruction Leaflet.
-Clean tools thoroughly before and immediately after use with cleaning solvent T-111 or T-411.

PACKING, STORAGE AND SAFETY

Packing	10 Litres (10 kgs. Net) and 20 Litres (25 kgs. Net) Containers.
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 18 months after delivery in original sealed containers and proper storage conditions with temperature of 25°C.
Safety	This product contains organic solvents and flammable materials. Keep away from sparks, fires, electrical cables and equipments, direct sunshine and out of children's reach. Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate ventilation.