RONASS ZINC OXIDE PRIMER
RTB-505

Special long lasting, one-component primer based on modified alkyd resin, Zinc Oxide and other active pigments with excellent adhesion and anti-corrosive properties.

USES AND SUITABALE TOP-COATS

Recommended Uses	First coat or single coating system for steel structures and maintenance operations.
Suitable Top-Coats	Alkyd paints, chlorinated rubber coatings, vinyl and synthetic enamels.

CHEMICAL COMPOSITION

Type of Binder	Modified Alkyd Resin	Solid Content	75 ± 1% By Weight
Number of Component(s)	1 Component		60 ± 2% By Volume
Curing Mechanism	Solvent Evaporation and Oxidation		
Main Pigment(s)	Zinc Oxide	Flash Point	29°C (84°F)

PHYSICAL PROPERTIES

Finish	Semi flat
Colour	Silver Grey (RAL-7001)
Specific Gravity	1.35 ± 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 the surface conditions is recommended.

Theoretical Consumption: 115 gr/m² @ 50 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.013"	1.80 mm	---	---
Pump Ratio	1 / 28	---	---	---
Air Pressure	3 – 4.5 Bar	3 – 5 Bar	---	---
Thinning	7 – 10% T-411	15 – 20% T-411	3 – 5% T-411	3 – 5% T-411

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	100	65	135
Dry Film Thickness (µm)	60	40	80

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
30 – 60 Minutes	2 – 3 Hours	16 – 24 Hours	10-20 Days	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: 20 Litres Containers (25 kgs. Net)

Storage Conditions: To be stored in cool and dry conditions in original sealed containers.

Shelf Life: At least 12 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.