RONASS RUST INHIBITOR COATING
RTB-390

Special one-component epoxy-modified rust-tolerant and inhibitor coating with excellent adhesion, good weather resistance and outdoor stability.

USES AND SUITABALE TOP-COATS

Recommended Uses	Can be used as a rust inhibitor coating to preserve fresh blasted steel surfaces.
Suitable Top-Coats	Epoxy Coating, chlorinated rubber primers, synthetic primers and epoxy ester coatings are recommended top coats.

CHEMICAL COMPOSITION

Type of Binder	Epoxy-Modified Polyester Resin	Solid Content	50 ± 1% By Weight
Number of Component(s)	1 Component		48 ± 2% By Volume
Curing Mechanism	Solvent Evaporation and Oxidation	Flash Point	20°C (68°F)

PHYSICAL PROPERTIES

Finish	Gloss
Colour	Non-pigmented clear coat
Specific Gravity	0.90 ± 0.03 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 condition is recommended.

Theoretical Consumption: 40 gr/m² @ 20 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.011"	1.60 or1.80 mm	---	---
Pump Ratio	1 / 28	---	---	---
Air Pressure	3 – 5 Bar	3 – 5 Bar	---	---
Thinning	30– 40% T-822	40 – 50% T-822	30 – 40% T-822	30 – 40% T-822

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	35	22	45
Dry Film Thickness (µm)	15	10	20

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
10– 20 Minutes	1 – 2 Hours	4 – 6 Hours	Depends on Film Thickness up to 7 Days.	Min. 16 Hours Max. Depends on film up to 6 months

**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-822.

PACKING, STORAGE AND SAFETY

Packing: 6 L | 10 L | 20 L

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.