RONASS ALKYD URETHANE COATING
RTB-397

Special one-component urethane-modified coating with excellent adhesion, durability, weather resistance and outdoor stability.

USES AND SUITABALE PRIMERS

Recommended Uses	Intermediate and finish coat for protective coating systems and maintenance operations.
Suitable Primers	Epoxy primers, chlorinated rubber primers, synthetic primers and epoxy ester coatings.

CHEMICAL COMPOSITION

Type of Binder	Urethane-Modified Polyester Resin	Solid Content	70 ± 1% By Weight
Number of Component(s)	1 Component		55 ± 2% By Volume
Curing Mechanism	Solvent Evaporation and Oxidation	Flash Point	20°C (68°F)

PHYSICAL PROPERTIES

Finish	Gloss
Colour	Wide range available according to the RAL colour system
Specific Gravity	1.30 ± 0.10 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 or Sa 2 and treatment with a suitable primer is recommended.

Theoretical Consumption: 120 gr/m² @ 50 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.011"	1.60 / 1.80 mm	---	---
Pump Ratio	1/ 28	---	---	---
Air Pressure	3 – 6 Bar	3 – 5 Bar	---	---
Thinning	5 – 10% T-822	10 – 20% T-822	3 – 5% T-822	3 – 5% T-822

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	90	70	110
Dry Film Thickness (µm)	50	40	60

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
30 – 60 Minutes	4 – 6 Hours	16 – 24 Hours	Depends on Film Thickness up to 10 Days.	Min. 16 Hours Max. 10 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-822.

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.