RONASS MARINE HIGH-BUILD ALKYD ENAMEL

RTB-688

A single-pack, high-performance synthetic coating mostly for on-board maintenance and new marine construction works, where high-build and humid-resistant coatings are required.

USES AND SUITABALE PRIMERS

Recommended Uses	Intermediate and finish coat for steel, wood and concrete surfaces.
Suitable Primers	Chlorinated rubber coatings and epoxy sealers or primers.

CHEMICAL COMPOSITION

Type of Binder	Epoxy-Modified Alkyd Resin	Solid Content	65 ± 2% By Weight
Number of Component(s)	1 Component		46 ± 2% By Volume
Curing Mechanism	Solvent Evaporation and Oxidation	Flash Point	28°C (82°F)

PHYSICAL PROPERTIES

Finish	Gloss
Colour	Wide range available according to the RAL and BS colour systems
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 the surface conditions and treatment with a suitable primer is recommended.
Theoretical Consumption	170 gr/m² @ 60 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.013"	1.60-1.80 mm	---	---
Pump Ratio	1 / 28	---	---	---
Air Pressure	4 – 6 Bar	3 – 4 Bar	---	---
Thinning	5 – 10% T-822	15 – 20% T-822	3 – 5% T-822	3 – 5% T-822

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	130	75	185
Dry Film Thickness (µm)	60	35	85

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	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-822.

PACKING, STORAGE AND SAFETY

Packing	4 Litres (5 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 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.Keep out of children's reach.