ANTI-FOULING MARINE COATING

RTB-1438

A high-performance, tin-free, self-polishing anti-fouling finish coat with excellent adhesion and durability, and great seawater and marine microorganism resistances.

USES AND SUITABALE PRIMERS

Recommended Uses	A single-pack, self-polishing, anti-fouling finish coat for marine protective coating systems, exterior coatings on vessels and immersed marine structures. This coating is also used for new construction and maintenance operations.
Suitable Primers	Prior to applying RTB-1438, treat the surface with RTB-1134-R (Epoxy Marine Sealer), RTB-1135 (Epoxy Marine Primer), RTB-1412 and RTB-1312.

CHEMICAL COMPOSITION

Type of Binder	Polyvinyl Resin	Solid Content	75 ± 1% By Weight
Number of Component(s)	1 Component		50 ± 2% By Volume
Curing Mechanism	Solvent Evaporation	Flash Point	28°C (82°F)

PHYSICAL PROPERTIES

Finish	Semi flat
Colour	Tomato Red (RAL-3013) and Chestnut Brown (RAL-8015)
Specific Gravity	1.70 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation: All oil, grease, dirt and other contaminants must be removed from the surface. Sandblast according to Swedish Standard(SIS 5900) Sa 2 ½, and treatment with RTB-1134-R (Epoxy Marine Sealer), and RTB-1135 (Epoxy Marine Primer) is recommended.

Theoretical Consumption: 340 gr/m² @ 100 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.015" – 0.019"	1.80 mm	---	---
Pump Ratio	1 / 68	---	---	---
Air Pressure	4 – 6 Bar	3 – 5 Bar	---	---
Thinning	7 – 10% T-1339	15 – 20% T-1339	3 – 5% T-1339	3 – 5% T-1339

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	200	160	240
Dry Film Thickness (µm)	100	80	120

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Ready to Undock
20 Minutes	3 – 4 Hours	12 – 16 Hours	Min. 24 Hours Max. 7 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-1339.

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	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.