

A high-performance two-component, tin-free, anti-fouling coating with excellent adhesion and chemical, seawater and marine microorganism resistances.

USES AND SUITABLE PRIMERS

Recommended Uses Intermediate and finish coat for maintenance operations and ship building works, protective coating systems for vessels and immersed marine structures.

Suitable Primers RTB-1138-R Ronass can be applied on all types of epoxy primers and epoxy marine coatings.

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyaminoamide	Solid Content After Mixing	78 ± 1% By Weight
Number of Component(s)	2 Components		52 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	29°C (84°F)

PHYSICAL PROPERTIES

Finish / Colour Semi-flat | Chestnut Brown (RAL-8015), Tomato Red (RAL-3013) and Signal black (RAL-9004)

Specific Gravity after Mixing 1.80 ± 0.10 gr/cm³

APPLICATION DETAILS

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

Mixing Ratio Component A: 100 Parts by weight | Component B: 15 Parts by weight

Mixing Instructions Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 10 minutes. Keep the mixture for 10 additional minutes prior to thinning down to allow for the pre-reaction time. Do not thin down each component separately.

Pot Life 4 Hours at 25°C

Theoretical Consumption 350 gr/m² @ 100 Microns DFT

Paint Application	Methods	Airless Spray	Air Spray	Brush	Roller
	Nozzle Size	0.017" – 0.021"	1.80 mm	---	---
	Pump Ratio	45 / 1	---	---	---
	Air Pressure	4 – 6 Bar	3 – 5 Bar	---	---
	Thinning	5 – 8% T-445	10 – 15% T-445	3 – 5% T-445	3 – 5% T-445

Film Thickness	Recommended		Minimum	Maximum
	Wet Film Thickness (µm)	290		240
Dry Film Thickness (µm)	150		125	175

Drying Time	Dust Free Time	Tack Free Time	Fully Cured	Recoating Time	Ready to Undock
	30 – 60 Minutes	2 – 3 Hours	7 Days	Min. 16 Hours Max. 10 Days	Min. 24 Hours Max. 5 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-445.

PACKING, STORAGE AND SAFETY

Packing Component A (Epoxy): 20 L | Component B (Hardener): 6 L

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

Shelf Life At least 12 months after delivery.

Safety This product contains organic solvents and flammable materials. Keep away from sparks, fires, electrical cables and equipment, direct sunshine and out of children's reach. Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate ventilation.