

Special heavy-duty, two-component epoxy marine sealer with excellent adhesion, durability, mechanical and abrasion resistances.

### USES AND SUITABLE TOP-COATS

Recommended Uses	First coat for protective coating systems on new construction and maintenance operations for ship building and marine structures.
Suitable Top-Coats	RTB-1134-R Ronass can be over-coated by all types of paints and protective coatings.

### CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyamide	Solid Content After Mixing	75 ± 1% By Weight
Number of Component(s)	2 Components		56 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	28°C (82°F)

### PHYSICAL PROPERTIES

Finish	Flat
Colour	Grey (Comparable with RAL-7040: Window Grey)
Specific Gravity after Mixing	1.50 ± 0.05 gr/cm <sup>3</sup>

### 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 a shop or etch primer is recommended.

**Mixing Ratio** Component A: 100 Parts by weight      Component B: RTB-1134-R-B or RTB-9600 15 Parts by weight

**Mixing Instructions** Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 5 minutes. Keep the mixture for 10 additional minutes prior to thinning down to allow for pre-reaction time. Do not thin down each component separately.

**Pot Life** 4 Hours at 25°C

**Theoretical Consumption** 215 gr/m<sup>2</sup> @ 80 Microns DFT

Paint Application	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.013" – 0.017"	1.80 mm	---	---
Pump Ratio	1 / 45	---	---	---
Air Pressure	4 – 6 Bar	3 – 4 Bar	---	---
Thinning	5 – 10% T-445	10 – 20% T-445	3 – 5% T-445	3 – 5% T-445

Film Thickness	Recommended		Minimum	Maximum
	Wet Film Thickness (µm)	140	105	180
Dry Film Thickness (µm)	80	60	100	

Drying Time	Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
	15 – 30 Minutes	1 – 2 Hours	4 – 6 Hours	10-14 Days	Min. 8 Hours Max. 10 Days

*\*Drying time calculated at 25°C according to ASTM test method D-1640 for 100 µm WFT*

Application Limits	Min. ---	Max. 80%
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 Litres Containers (25 kgs. Net) and Component B(Hardener): 4 Litres Containers (3.75 kgs. Net)

**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.