EPOXY MARINE COATING
RTB-1136-H.B. (A&B COMPONENTS)

A high-performance, high build and high solid epoxy marine coating with excellent adhesion, chemical, mechanical, humidity and sea water resistances as well as good weather resistant.

USES AND SUITABALE PRIMERS

Recommended Uses	Intermediate and finish coat for immersed and atmospheric service on metal surfaces in ship building industries and maintenance works.
Suitable Primers	RTB-1136-H.B. Ronass can be applied on all types of epoxy primers and epoxy coatings.

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Poly amino amide	Solid Content After Mixing	85 ± 1% By Weight
Number of Component(s)	2 Components		72 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	29°C (84°F)

PHYSICAL PROPERTIES

Finish	Semi Glass
Colour	Wide range available according to the RAL colour system
Specific Gravity after Mixing	1.55 ± 0.10 gr/cm³

APPLICATION DETAILS

Surface Preparation	All oil, grease, dirt and other contaminants must be removed from the surface. Sandblast according to the Swedish Standard (SIS 5900). Sa 2 ½, and treatment with RTB-1134-R (Epoxy Marine Sealer) and RTB-1135-H.B. (Epoxy Marine Primer) is recommended.
Mixing Ratio	Component A: 100 Parts by weight Component B(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 15 additional minutes prior to thinning down to allow for pre-reaction time.then add some proper thinner and mix then well. Do not thin down each component separately.
Pot Life	4 Hours at 25°C
Theoretical Consumption	215 gr/m² @ 100 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.011" – 0.015"	1.80 mm	---	---
Pump Ratio	1 / 45	---	---	---
Air Pressure	4 – 6 Bar	3 – 5 Bar	---	---
Thinning	5 – 10% T-445	10 – 20% T-445	5 – 7% T-445	5 – 7% T-445

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	140	70	210
Dry Film Thickness (µm)	100	50	150

Drying Time@25 ^{0}C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
30 – 60 Minutes	2 – 3 Hours	12 – 16 Hours	10-14 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. +10°C	Max. +40°C
Substrate Temperature*	Min. +10°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 (3.750 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.