RONASS EPOXY DECK COATING
RTB-1244-R (A-B-C COMPONENTS)

Three-component anti-skid floor coating with excellent adhesion, chemical and mechanical resistances, as well as anti-dust and anti-slip properties.

USES AND SUITABALE PRIMERS

Recommended Uses	Primer, intermediate and finish coat for steel and concrete surfaces and floor coating systems. Particularly designed as a deck coating system for ship industries.
Suitable Primers	RTB-750 (Two-Component Epoxy Sealer) diluted with T-445 Ronass for concrete and RTB-1134-R (Epoxy Marine Sealer) and RTB-1135 (Epoxy Marine Primer) for steel surfaces.

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyaminoamide	Solid Content After Mixing	80 ± 1% By Weight
Number of Component(s)	3 Components		66 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	29°C (84°F)

PHYSICAL PROPERTIES

Finish	Semi gloss
Colour	Wide range available according to the RAL colour system.
Specific Gravity after Mixing	1.43 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation

All oil, grease, dirt and other contaminants must be removed from the surface.
Concrete Surfaces: Dry and pre-treat with RTB-750 (Two-Component Epoxy Sealer).
Steel Surfaces: Sandblast and treat with a suitable primer such as RTB-1134-R (Epoxy Marine Sealer) and RTB-1135 (Epoxy Marine Primer).

Mixing Ratio

Component A: 100 Parts by weight Component B: 35 Parts by weight Component C: 30-100 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

2 Hours at 25°C

Theoretical Consumption

1100 gr/m² @ 500 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	5 – 8% T-445	8 – 15% T-445	3 – 4% T-445	3 – 4% T-445

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	530	305	760
Dry Film Thickness (µm)	350	200	500

Drying Time@25°C

Dust Free Time	Dry to Walk	Fully Cured	Recoating Interval
30 – 60 Minutes	16 – 24 Hours	7-10 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. +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*
**Please note that the concrete humidity should be lower than 5%*

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 (6 kgs. Net) and Component B(Hardener): 10 Litres Containers (2.1 kgs. Net) and Component C: 20 Litres Containers (6 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.