RONASS GLASS FLAKE EPOXY NOVOLAC COATING
RTB-1275-R (A&B COMPONENTS)

Special heavy-duty two-component glass flake epoxy phenol coating with excellent adhesion, fantastic chemical resistance, as well as great durability, mechanical and anti-corrosive properties.

USES AND SUITABALE TOP-COATS

Recommended Uses	Single coating system for protection of steel and concrete surfaces against corrosion in offshore and marine atmospheres, and new construction and maintenance operations. This coating can also be used as an interior coating for tanks and pipelines.
Suitable Top-Coats	RTB-1275-R can be over-coated by itself.

CHEMICAL COMPOSITION

Type of Binder	Epoxy Phenol(Novolac) – Polyamine	Solid Content After Mixing	90 ± 1% By Weight
Number of Component(s)	2 Components		80 ± 2% By Volume
Curing Mechanism	Chemical Reaction		
Main Pigment(s)	Glass Flake and Inert Pigments	Flash Point	29°C (84°F)

PHYSICAL PROPERTIES

Finish	Semi gloss
Colour	White (Comparable with RAL-9010: Pure White)
Specific Gravity after Mixing	1.70± 0.05 gr/cm³
Heat Resistances	- Atmospheric Service: Min -60°C Max 170°C - Immersion Service: Max. 120 °C

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 3(roughness: min 120 µm) is recommended.
Mixing Ratio	Component A: 100 Parts by weight Component B (RTB-1275-R-B or RTB-9300):10 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 5 additional minutes prior to thinning down to allow for the pre-reaction time. Do not thin down each component separately.
Pot Life	90 Minutes at 25°C
Theoretical Consumption	1060 gr/m² @ 500 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.017" – 0.025"	1.80 mm	---	---
Pump Ratio	1 / 68	---	---	---
Air Pressure	4 – 6 Bar	3 – 5 Bar	---	---
Thinning	3 – 5% T-445	3– 5% T-445	---	---

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	625	250	875
Dry Film Thickness (µm)	500	200	700

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
60 – 90 Minutes	2 – 3 Hours	4 – 6 Hours	7 – 10 Days	Min. 16 Hours Max. 48 Hours

**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 (2.5 kgs. Net)
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 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.