



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 SUITABLE 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	92 ± 1% By Weight
Number of Component(s)	2 Components		84 ± 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: Max. 150 °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 1010 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)	595	240	830
	Dry Film Thickness (µm)	500	200	700

Drying Time	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.

