RONASS SOLVENT-FREE GLASS FLAKE COATING
RTB-1212 (A&B COMPONENTS)

Special heavy-duty two-component epoxy coating with excellent adhesion and chemical resistances. This product also has great mechanical properties.

USES AND SUITABALE TOP-COATS

Recommended Uses	Single coating system for protection of steel surfaces against corrosion in offshore and marine structures, and an interior coating for tanks and pipelines. This coating is also recommended for use in industrial areas for new construction and maintenance operations.
Suitable Top-Coats	RTB-1212 can be over-coated by itself.

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyamide	Solid Content After Mixing	100% By Weight
Number of Component(s)	2 Components		100% By Volume
Curing Mechanism	Chemical Reaction		
Main Pigment(s)	Glass Flake	Flash Point	110°C (230°F)

PHYSICAL PROPERTIES

Finish	Full gloss
Colour	White (Comparable with RAL-9010: Pure White)
Specific Gravity after Mixing	1.30 ± 0.05 gr/cm³

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: 25 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 to allow for the pre-reaction time. Do not thin down each component separately.
Pot Life	1.5 Hours at 25°C
Theoretical Consumption	650 gr/m² @ 500 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.017" – 0.023"	1.80 mm	---	---
Pump Ratio	1 / 68	---	---	---
Air Pressure	4 – 6 Bar	3 – 5 Bar	---	---
Thinning	---	---	---	---

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	500	250	1000
Dry Film Thickness (µm)	500	250	1000

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
1 – 2 Hours	4 – 5 Hours	16 – 24 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. +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-767.

PACKING, STORAGE AND SAFETY

Packing	Component A (Epoxy): 20 L | Component B (Hardener): 6 L
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 9 months after deliveryin 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.