



# RONASS UNDERWATER EPOXY COATING

## RTB-1286 (A&B COMPONENTS)

Special two-component epoxy coating specifically formulated for underwater curing and application on wet surfaces, allowing for no detrimental loss of adhesion even when applied on saturated substrates.

### USES

**Recommended Uses** RTB-1286 is a single coating system specifically formulated for the protection of off-shore structures, pipelines, piles and other equipment in very humid or wet areas. This product is used in splash zones and damp areas above water for repairing holes, leaks, cracks and other defects with minimum effort and downtime. RTB-1286 is highly resistant to chlorinated water and mild chemicals, ensuring a smooth finish with ease of decontamination.

### CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyaminoamide	Solid Content After Mixing	100% By Weight
Number of Component(s)	2 Components		100% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	150°C (300°F)

### PHYSICAL PROPERTIES

Finish	Semi gloss
Colour	Wide range available according to RAL colour system
Specific Gravity after Mixing	1.60 ± 0.05 gr/cm <sup>3</sup>

### APPLICATION DETAILS

**Surface Preparation** Remove all loose contaminations by wire brushing or scraping. For small areas, achieve suitable roughness with a mechanical abradar. For larger areas, a suitable angular metallic or non-metallic abrasive should be chosen to give a minimum profile of 120 µm. It is recommended to abrasive blast the surface to Swedish Standard (SIS 5900) Sa 2 ½. (roughness: min 120 µm).

**Mixing Ratio** Component A: 100 Parts by weight Component B: 30 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.

**Pot Life** 2 Hours at 5°C | 1.5 Hours at 10°C | 1 Hour at 15°C | 30 Minutes at 20°C

**Theoretical Consumption** 800 gr/m<sup>2</sup> @ 500 Microns DFT

<b>Paint Application</b>	<b>Methods</b>	<b>Airless Spray</b>	<b>Air Spray</b>	<b>Brush</b>	<b>Roller</b>
	<b>Nozzle Size</b>	0.037" – 0.047"	---	---	---
	<b>Pump Ratio</b>	1 / 68	---	---	---
	<b>Air Pressure</b>	5 – 8 Bar	---	---	---
	<b>Thinning</b>	Never thin down product			

**Method of Application** Airless Spray | Syringe | Trowel | Spreading Knife | Spatula | Mitts

<b>Film Thickness</b>	<b>Wet Film Thickness (µm)</b>	Up to 1000 Microns		
	<b>Dry Film Thickness (µm)</b>	Up to 1000 Microns		

<b>Drying Time</b>		<b>5°C</b>	<b>10°C</b>	<b>15°C</b>	<b>20°C</b>
	<b>Curing Time</b>	12 Hours	10 Hours	8 Hours	6 Hours
	<b>Complete Curing Time</b>	14 Days	10 Days	7 Days	5 Days
	<b>Recoating Time</b>	Unlimited			

<b>Application Limits</b>	<b>Relative Humidity</b>	Min. ---	Max. ---
	<b>Temperature</b>	Min. +5°C	Max. +40°C

**Recommendations** Clean tools thoroughly before and immediately after use with T-445.

### PACKING, STORAGE AND SAFETY

**Packing** Component A(Epoxy): 20 Litres Containers (5 kgs. Net) and Component B(Hardener): 10 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.