RONASS UNDERWATER EPOXY COATING
RTB-1286 (A&B COMPONENTS)

Special two-component epoxy coating specifically formulated for underwater and wet surfaces application and curing, 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 and immersed structures. 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	Selected Epoxy – Polyaminoamide	Solid Content After Mixing	98±1% By Weight
Number of Component(s)	2 Components		95±2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	150°C (300°F)

PHYSICAL PROPERTIES

Finish	Flat
Colour	White-Dark Grey-Yellow- Oxide Red.
Specific Gravity after Mixing	1.75 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation

Remove all loose contaminations by wire brushing or scraping. For small areas, achieve suitable roughness with a mechanical abrader. 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 (RTB-1286-B): 15 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.

Pot Life

2 Hours at 10°C | 1.5 Hours at 25°C | 30 Minutes at 40°C

Theoretical Consumption

920 gr/m² @ 500 Microns DFT

Method of Application
Immersed and Atmospheric

Airless Spray | Syringe | Trowel | Spreading Knife | Spatula | Mitts

Film Thickness

Wet Film Thickness (µm)	Up to 1000 Microns
Dry Film Thickness (µm)	Up to 1000 Microns

Drying Time
Immersed and Atmospheric

	5°C	10°C	15°C	20°C
Curing Time	12 Hours	10 Hours	8 Hours	6 Hours
Complete Curing Time	14 Days	10 Days	7 Days	5 Days
Recoating Time	Unlimited			

Application Limits

Relative Humidity	Min. ---	Max. ---
Temperature	Min. +10°C	Max. +40°C

Recommendations

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

PACKING, STORAGE AND SAFETY

Packing

Component A(Epoxy): 3.9 Litres Containers (5 kgs. Net) and Component B(Hardener): 0.946 Litres Containers (0.75 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 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 vapor during application. Use with adequate ventilation.