

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 ³

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/m² @ 500 Microns DFT

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

Method of Application 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		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. +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.