TWO-COMPONENT WASH PRIMER & TIE COAT EPOXY

RTB-1133-R (A&B COMPONENTS)

Special, two-component wash primer & Tie Coat Epoxy with excellent adhesion and weather resistance. RTB-1133-R is based on epoxy resin and Zinc Chromate and other anti-corrosive pigments.

USES AND SUITABALE TOP-COATS

Recommended Uses	First coat for protective coating systems on new construction and maintenance operations for ship building and marine structures.
Suitable Top-Coats	RTB-1133-R can be over-coated by all types of primers and sealers.

CHEMICAL COMPOSITION

Type of Binder	Epoxy Resins	Solid Content After Mixing	55 ± 1% By Weight
Number of Component(s)	2 Components		40 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	20°C (68°F)
Main Pigments	Zinc Chromate		

PHYSICAL PROPERTIES

Finish	Simi Gloss
Colour	Sulfur Yellow (RAL-1016).
Specific Gravity after Mixing	1.12 ± 0.03 gr/cm³

APPLICATION DETAILS

Surface Preparation	All oil, grease, dirt and other contaminants must be removed from the surface. Steel Surfaces: Sandblast according to Swedish Standard (SIS 5900). Sa 2 ½ or greater. Galvanized, Stainless Steel and Non-Ferrous Surfaces: Chemical treatment according to surface conditions.
Mixing Ratio	Component A: 100 Parts by weight Component B (RTB-1133-R-B or RTB-9700): 50 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 10 additional minutes prior to thinning down to allow for pre-reaction time. Do not thin down each component separately.
Pot Life	8 Hours at 25°C
Theoretical Consumption	30 gr/m² @ 10 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush-For Small Area	Roller- For Small Area
Nozzle Size	0.009" – 0.011"	1.60-1.80 mm	---	---
Pump Ratio	1 / 28	---	---	---
Air Pressure	3 – 5 Bar	3 – 4 Bar	---	---
Thinning	25% T-445	30-50% T-445	20 – 30% T-445	20 – 30% T-445

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	40	15	75
Dry Film Thickness (µm)	15	5	30

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
10 – 20 Minutes	45 – 60 Minutes	2 – 3 Hours	7-10 Days	Min. 8 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-445.

PACKING, STORAGE AND SAFETY

Packing	Component A(Epoxy): 10 Litres Containers (4 kgs. Net) and Component B(Hardener): 5 Litres Containers (2 kgs. Net)
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 18 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.