RONASS EPOXY TIDEGUARD
RTB-1177 (A-B-C COMPONENTS)

Ronass Epoxy Tideguard is a very high-solid, three-component epoxy coating suitable for use in moderate and hot climates with long-term durability and excellent abrasion resistance properties.

USES AND SUITABALE PRIMERS

Recommended Uses	Ronass Epoxy Tideguard can be used as an abrasion resistant coating for protection of steel surfaces in offshore, coastal areas, tidal and splash zones of structures, and piles which are installed in seawater.
Suitable Primers	RTB-496 (H.C. Zinc-Rich Epoxy Primer) or Zinc Silicate primers.RTB-766 and RTB-1222 Ronass.

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyamide	Solid Content After Mixing	95 ± 1% By Weight
Number of Component(s)	3 Components		88 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	29°C (84°F)

PHYSICAL PROPERTIES

Finish	Semi flat
Colour	Silver Grey (RAL-7001) | This coating is also available in other colours.
Specific Gravity after Mixing	2.00 ± 0.10 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 and treatment with a layer of RTB-1222-R (Ronass Inorganic Zinc Primer) is recommended.
Mixing Ratio	Component A: 100 Parts by weight Component B: 15 Parts by weight Component C: 100 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 the pre-reaction time. Do not thin down each component separately.
Pot Life	2 Hours at 25°C
Theoretical Consumption	2275 gr/m² @ 1 mm DFT
Thinning	Do not dilute components separately. Add 2-5% T-445 Ronass (by weight) to the mixture while mixing.
Paint Application	Special equipment and spray gun.

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (mm)	3.0	1.0	5.0
Dry Film Thickness (mm)	3.0	1.0	5.0

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
1 – 2 Hours	4 – 6 Hours	Up to 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. +15°C	Max. +40°C
Substrate Temperature*	Min. +15°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 T-445.

PACKING, STORAGE AND SAFETY

Packing	Component A (Epoxy): 20 L | Component B (Hardener): 5 L | Component C: 20 L
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.