

A Solvent-less two-component coating reinforced by Micaceous Iron Oxide flakes featuring excellent anti-corrosive properties, mechanical properties, and fresh and seawater resistances. Another key characteristic of this coating is its remarkable abrasion resistance.

USES AND SUITABLE TOP-COATS

Recommended Uses Can be used as a primer, intermediate, finish coat or as a single coating system on blast cleaned metal surfaces in corrosive atmospheres or buried and underwater conditions.

Suitable Top-Coats RTB-1319 may be over-coated by itself, RTB-755-C (Ronass Epoxy Tar-Based Coating), or other epoxy and polyurethane coating systems. A yellow tar stain will most likely cover the top-coat.

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyamine	Solid Content After Mixing	98±1 % By Weight
Number of Component(s)	2 Components		96±1 % By Volume
Curing Mechanism	Chemical Reaction	Flash Point	---

PHYSICAL PROPERTIES

Finish Gloss
Colour Jet Black (RAL-9005)
Specific Gravity after Mixing 1.55 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation All oil, grease, dirt and other contaminants must be removed from the surface. Sandblast according to Swedish Standard. Sa. 3 (Roughness:min 120 µm) is recommended.

Mixing Ratio Component A: 100 Parts by weight Component 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 prior to thinning down to allow for the pre-reaction time. Do not thin down each component separately.

Pot Life Max. 30 Minutes at 25°C (there is a risk of gelling and poor adhesion if the pot life is exceeded)

Theoretical Consumption 560 gr/m² @ 350 Microns DFT

Paint Application	Methods	Airless Spray	Air Spray	Brush	Roller
	Nozzle Size	0.017" – 0.023"	1.80 mm	---	---
	Pump Ratio	1 / 68	---	---	---
	Air Pressure	5 – 8 Bar	4 – 6 Bar	---	---
	Thinning	2 – 5% T-723	15 – 20% T-723	---	---

Film Thickness		Recommended	Minimum	Maximum
	Wet Film Thickness (µm)	1040	365	3100
	Dry Film Thickness (µm)	1000	350	3000

Drying Time	Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
	20 – 30 Minutes	3 – 4 Hours	8 – 12 Hours	7-10 Days	Min. 16 Hours Max. 10 Day

*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. +45°C
	Substrate Temperature*	Min. +5°C	Max. +55°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-723.

PACKING, STORAGE AND SAFETY

Packing Component A(Epoxy): 20 Litres Containers (25 kgs. Net) and Component B(Hardener): 5 Litres Containers (3.75 kgs. Net)

Storage Conditions To be stored in cool and dry conditions in original sealed containers.

Shelf Life At least 12 months after delivery.

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.