RONASS EPOXY TAR-BASE COATING
RTB-755-C (A&B COMPONENTS)

A high-build two-component coal-tar epoxy coating with excellent anti-corrosive properties, as well as outstanding fresh and seawater resistances.

USES AND SUITABALE TOP-COATS

Recommended Uses	Can be used as a primer and finish coat on blast-cleaned metal surfaces, which are in close contact with soil and or seawater.
Suitable Top-Coats	RTB-755-C can be over-coated by itself, RTB-898 (Two-Component H.B. Epoxy Tar-Based Coating), or other epoxy coating systems. A yellow tar stain will most likely cover the top-coat.

CHEMICAL COMPOSITION

Type of Binder	Coal-Tar Epoxy – Polyaminoamide	Solid Content After Mixing	75 ± 1% By Weight
Number of Component(s)	2 Components		55 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	28°C (82°F)

PHYSICAL PROPERTIES

Finish	Semi gloss
Colour	Dark Brown
Specific Gravity after Mixing	1.50 ± 0.05 gr/cm³
Thermal Tolerance	Min -45°C Max 115°C

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. 2 ½ is recommended.
Mixing Ratio	Component A: 100 Parts by weight Component B(RTB-755-C-B or RTB-9100): 15 Parts by weight Component A: 4 Parts by Volume Component B(RTB-755-C-B or RTB-9100) : 1 Parts by Volume
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	4 Hours at 25°C
Theoretical Consumption	270 gr/m² @ 100 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.013" – 0.017"	1.80 mm	---	---
Pump Ratio	1 / 45	---	---	---
Air Pressure	4 – 6 Bar	3 – 4 Bar	---	---
Thinning	5 – 10% T-723	8 – 15% T-723	3 – 5% T-723	2 – 4% T-723

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	180	90	270
Dry Film Thickness (µm)	100	50	150

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
30 – 60 Minutes	90 – 120 Minutes	4 – 6 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. +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 T-723.

PACKING, STORAGE AND SAFETY

Packing	Component A(Epoxy): 20 Litres Containers (25 kgs. Net) and Component B(Hardener): 4 Litres Containers (3.75 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.