

A high-build polyamine epoxy coating with excellent mechanical and chemical resistances.

USES AND SUITABLE PRIMERS

Recommended Uses Intermediate and finish coat for steel structures, maintenance operations and protective coating systems. RTB-797-R can also be used as a single coating system for the protection of steel surfaces.

Suitable Primers RTB-756-R (Chemical-Resistant Epoxy Primer) or other anti-corrosive epoxy primers.

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyamine	Solid Content After Mixing	80 ± 1% By Weight
Number of Component(s)	2 Components		65 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	28°C (82°F)

PHYSICAL PROPERTIES

Finish Gloss

Colour White - Grey

Specific Gravity after Mixing 1.50 ± 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. Sa 2 ½ and treatment with a suitable primer is recommended.

Mixing Ratio Component A: 100 Parts by weight Component B: 10 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 2 Hours at 25°C

Theoretical Consumption 230 gr/m² @ 100 Microns DFT

Paint Application	Methods	Airless Spray	Air Spray	Brush	Roller
	Nozzle Size	0.011" – 0.015"	1.80 mm	---	---
	Pump Ratio	1 / 45	---	---	---
	Air Pressure	4 – 6 Bar	3 – 4 Bar	---	---
	Thinning	5 – 10% T-445	10 – 20% T-445	2 – 5% T-445	2 – 5% T-445

Film Thickness	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	120	75	195
Dry Film Thickness (µm)	80	50	125

Drying Time	Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
	20 – 30 Minutes	2 – 3 Hours	6 – 8 Hours	7-10 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 cleaning solvent T-111 or T-445.

PACKING, STORAGE AND SAFETY

Packing Component A(Epoxy): 20 Litres Containers (25 kgs. Net) and Component B(Hardener): 5 Litres Containers (2.5 kgs. Net)

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

Shelf Life At least 18 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.