

Special two-component epoxy tie-coat and adhesion promoter with excellent internal binding and penetration properties.

USES AND SUITABLE TOP-COATS

Recommended Uses	Can be used as a sealer and intermediate coat for maintenance operations, steel structures and primed metal surfaces particularly when recoating interval is passed due. This product is also used to promote bonding to non-ferrous metal, aluminum and steel, galvanized surfaces plastic and composite substrates to avoid paint disbonding risk.
Suitable Top-Coats	RTB-926 can be over-coated by all types of epoxy and polyurethane coatings.

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyamide	Solid Content After Mixing	67 ± 2% By Weight
Number of Component(s)	2 Components		51 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	28°C (82°F)

PHYSICAL PROPERTIES

Finish	Semi glass
Colour	Pure White (RAL-9010) and Oxide Red (RAL-3009)
Specific Gravity after Mixing	1.25 ± 0.03 gr/cm ³

APPLICATION DETAILS

Surface Preparation	All oil, grease, dirt and other contaminants must be removed from the surface. Mechanical surface preparation according to the surface condition is recommended.
Mixing Ratio	Component A: 100 Parts by weight Component B(RTB-926-B or RTB-9700): 25 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 pre-reaction time. Do not thin down each component separately.
Pot Life	8 Hours at 25°C
Theoretical Consumption	50 gr/m ² @ 20 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 – 40% T-445	80 – 100% T-445	---	---

Film Thickness	Recommended		Minimum	Maximum
	Wet Film Thickness (µm)	30	10	60
Dry Film Thickness (µm)	15	5	30	

Drying Time@25°C	Dust Free Time	Tack Free Time	Dry to Handle	Recoating Interval
	30 – 45 Minutes	2 – 3 Hours	4 – 6 Hours	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.
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PACKING, STORAGE AND SAFETY

Packing	Component A(Epoxy): 20 Litres Containers (25 kgs.Net) and Component B(Hardener):10 Litres Containers (6.250 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.