

RONASS FUEL-RESISTANT EPOXY PRIMER

RTB-874-R (A&B COMPONENTS)

Two-component solvent and fuel-resistant, high-build epoxy primer with excellent anti-corrosive properties and exceptional water, solvent and fuel resistances.

USES AND SUITABALE TOP-COATS						
Recommended Uses	Primer coating for steel structures, maintenance operations, protective coating systems, and interior coating for vessels and fuel tanks.					
Suitable Top-Coats	RTB-874-R can be over-coated by itself or RTB-875-R (Fuel-Resistant Epoxy Coating).					
CHEMICAL COMPOSITION						
Type of Binder	Epoxy – Polyaminoamide Solid Content After Mixing 85 ± 1% By Weight					
Number of Component(s)	2 Components			·	70 ± 2% By Volume	
Curing Mechanism	Chemical Reaction			Flash Poin	nt 28°C (82°F)	
PHYSICAL PROPERT	IES					
Finish	Semi gloss					
Colour	Grey (Component A: Black Component B: White) Silver Grey (RAL-7001)					
Specific Gravity after Mixing	1.70 ± 0.05 gr/cm ³					
APPLICATION DETAI	LS					
Surface Drangration All oil grasse dirt and other contaminants must be removed from the surface. Conditions to Surgicia						
	Standard (SIS 5900). Sa 3, and treatment with RTB-496 (H.C. Zinc-Rich Epoxy Primer) 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 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	240 gr/m ² @ 100 Microns DI	FT				
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-445	10 – 15% T-445	2 – 4% T-445	5 2 – 4% T-445	
Film Thickness		Recommended	l Minir	mum Maximum		
	Wet Film Thickness (µm)	140	11	10	175	
	Dry Film Thickness (µm)	100	1	5	125	
Drying Time	Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval	
	30 – 60 Minutes	3 – 4 Hours	4 – 6 Hours	7 – 10 Days	Min. 8 Hours	
	*Drving time calculated at 25°C according to ASTM test method D-1640 for 100 µm WFT					
Application Limits	Relative Humidity	Min Max 80%				
Application Limits	Temperature	Min. +5°C	+5°C Max. +40°C			
	Substrate Temperature*	Min. +5°C		Max. +45°C		
	*Please note that the substra	ate temperature shoul	d be at least 5°C above	e 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):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. Keen away from sparks, fires, electrical cables and					
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	Protect skin, eyes, and avoid	d prolonged breathing	of solvent vapor during	application. Use	with adequate ventilation.	

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