

TWO-COMPONENT EPOXY COATING RTB-675-IPS (A&B COMPONENTS)

High-build epoxy coating with excellent adhesion, durability, moisture, chemical and mechanical resistances.							
USES AND SUITABALE TOP-COATS							
Recommended Uses	Primer and intermediate coating for metal surfaces and maintenance operations in immersion and/or atmospheric services.						
Suitable Top-Coats	Epoxy coatings, polyurethane coatings and synthetic enamels.						
CHEMICAL COMPOSITION							
Type of Binder	Epoxy – Polyamide Solid			Solid Co	ontent After Mixing	80 ± 1% By Weight	
Number of Component(s)	2 Components				-	65 ± 2% By Volume	
Curing Mechanism	Chemical Reaction						
Main Pigment(s)	Non-Toxic Inert Pigments				Flash Poin	t 28°C (82°F)	
PHYSICAL PROPERTIES							
Finish Colour	Semi flat Wide range available according to RAL colour system						
Specific Gravity after Mixing	1.45 ± 0.10 gr/cm ³						
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, and treatment with an epoxy primer is recommended.						
Mixing Ratio	Component A: 100 Parts by weight Component B: 20 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 thinni	ng down	to allow for th	e pre-reaction tim	e. Do not thin down each	
Det Life	component separately.						
Pol Life	0 Flours at 25 C						
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Paint Application	Methods	Airless Spray	Air Spray		Brush	Roller	
	Nozzle Size	0.011" – 0.015"	1.8	80 mm			
	Pump Ratio	1 / 45					
	Thinning	5 – 10% T-445	15 – 2	20% T-445	3 – 5% T-445	3 – 5% T-445	
Film Thickness	<u> </u>	Recommended Mi		Minir	mum	Maximum	
	Wet Film Thickness (µm)	155			0	230	
	Dry Film Thickness (µm)	100		5	0	150	
Drying Time	Dust Free Time	Tack Free Time	Dry t	o Handle	Fully Cured	Recoating Interval	
	20 – 40 Minutes	2 – 3 Hours	8 – 12 Hours		10-14 Days	Min. 8 Hours Max. 10 Days	
*Drying time calculated at 25°C according to ASTM test method D-1640 for 100 μ m WFT							
Application Limits	Relative Humidity	tive Humidity Min			Max. 80%		
	Substrate Temperature* Min. +5 °C M				Max. +40 C Max. +45°C		
	*Please note that the substr	ate temperature shoul	d be at le	ast 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 T-445.						
PACKING, STORAGE AND SAFETY							
Packing	Component A(Epoxy): 20 Litres Containers (25 kgs. Net) and Component B(Hardener): 10 Litres Containers (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 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.						
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