

Special Silicone-based heat-resistant coating with excellent adhesion and heat resistant properties.							
USES AND SUITABA	LE PRIMERS						
Recommended Uses	Intermediate and finish coat in heat-resistant protective coating systems which are subjected to high thermal stresses up to 550°C.						
Suitable Primers	Primers Zinc Silicate primers, Zinc Silicone primers, RTB-909 Ronass or other heat-resistant primers.						
CHEMICAL COMPOSITION							
Type of Binder	Special Pure Silicone Resin	Solid	Content V	Vhite Aluminum	Pure White	Signal Black	
Number of Component(s)	1 Component	B	y Weight	55 ± 1%	70 ± 1%	65 ± 1%	
Curing Mechanism	Thermosetting	Ву	Volume	42 ± 1%	48 ± 2%	48 ± 2%	
Flash Point	20°C (68°F)						
PHYSICAL PROPERT	IES						
Finish Colour Specific Gravity Heat Resistance	Semi gloss White Aluminum (RAL-9006), Pure White (RAL-9010), Signal Black (RAL-9004) 1.10 ± 0.05 gr/cm <sup>3</sup> (White Aluminum)   1.45 ± 0.05 gr/cm <sup>3</sup> (Pure White)   1.35 ± 0.05 gr/cm <sup>3</sup> (Signal Black) Continuous Service: 550°C Non-Continuous Service: 650°C *Please note that this coating's colour and Gloss may changed when subjected to high temperatures. These minor						
changes do not effect the resistance and anti corrosive characteristics of the coating paint film.							
APPLICATION DETAI	LS						
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 priming with RTB-1222-R (Ronass Inorganic Zinc Primer), RTB-585 (Ronass Heat-Resistant Primer), or RTB-909 (Ronass Heat-Resistant Primer) is recommended.						
	90-120 gr/m² @ 40 Microns						
Paint Application	Methods Nozzle Size	Airiess Spray	"	1.60	Air Spray 1.60 mm/1.80 mm		
	Pump Ratio	1 / 28	1/28				
	Air Pressure	4 – 6 Bar		3 – 4 Bar			
	Thinning	5 – 10% T-587	5 – 10% T-587		– 20% T-587		
Film Thickness		White Aluminum	F	Pure White	Sigi	nal Black	
	Wet Film Thickness (µm)	60 - 80	60 - 80 $80 - 100$		80	0 - 100	
		50 - 40		40 - 50	4	0 - 50	
Drying Time	Dust Free Time	Dry to Handle			Recoa	Recoating Interval	
	10 – 20 Minutes	itely 200°C fc	only ensured alter	IVIIII.	Min. 24 Hours Max *		
	Drying time calculated at 25°C according to ASTM test method D-1640 for 100 µm WFT *Please note that once Heat-Resistant coatings have been exposed to service conditions, prior to paint application, surface preparation including cleaning, degreasing, and gentle scrubbing with a suitable sandpaper is recommended.						
Application Limits	Relative Humidity	Min		Max. 80%			
	Substrate Temperature*	Min. +5°C		Max. +45°C			
	Please note that the substrate temperature should be at least 5°C abov			above the dew poin	ve 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-587.						
PACKING, STORAGE	AND SAFETY						
Packing	10 Litres Containers (10 kgs. Net)and 6 Litres Containers (5 kgs .Net) and 20 Litres Containers (20 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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