INTERMEDIATE SILVER COATING
RTB-530

Special one–component, heat-resistant silver coating with excellent adhesion, hiding power and anti-corrosive properties.

USES AND SUITABALE TOP-COATS

Recommended Uses	Can be used as Intermediate coating in multi-layer coating systems for steel structures and metal surfaces which are subjected to medium range temperatures up to 150°C.
Suitable Top-Coats	RTB-530 can be over-coated by itself or RTB-531 (Ronass Aluminum-Based Coating).

CHEMICAL COMPOSITION

Type of Binder	Modified Alkyd Resin	Solid Content	63 ± 1% By Weight
Number of Component(s)	1 Component		50 ± 1% By Volume
Curing Mechanism	Solvent Evaporation and Oxidation		
Main Pigment(s)	Non-Leafing Aluminum Powder	Flash Point	18°C (64°F)

PHYSICAL PROPERTIES

Finish	Semi gloss
Colour	Silver (Comparable with RAL-9006: White Aluminum).
Specific Gravity	1.15 ± 0.05 gr/cm³
Heat Resistance	Continuous Service: 150°C Non-Continuous Service: 200°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 DETAILS

Surface Preparation: All oil, grease, dirt and other contaminants must be removed from the surface. Wire brush or sandblast according to the surface conditions and priming with a suitable primer is recommended.

Theoretical Consumption: 115 gr/m² @ 50 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.013"	1.80 mm	---	---
Pump Ratio	1 / 28	---	---	---
Air Pressure	3 – 4.5 Bar	3 – 5 Bar	---	---
Thinning	10 – 20% T-532	20 – 40% T-532	3 – 5% T-532	3 – 5% T-532

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	100	80	120
Dry Film Thickness (µm)	50	40	60

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
30 – 45 Minutes	1 – 2 Hours	12 – 16 Hours	10-20 Days	Min. 24 Hours Max. 14 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-532.

PACKING, STORAGE AND SAFETY

Packing	10 Litres Containers (10 kgs. Net)
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 12 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.