

Two-component semi flat polyurethane coating with excellent adhesion, outdoor stability, durability, and great chemical, weathering and ultra-violet radiation resistances.

### USES AND SUITABLE PRIMERS

Recommended Uses      Finish coat for maintenance operations, protective coating systems and primed metal surfaces.  
 Suitable Primers        Epoxy primers and intermediate epoxy coatings.

### CHEMICAL COMPOSITION

Type of Binder	Acrylic – Isocyanate	Solid Content After Mixing	70 ± 2% By Weight
Number of Component(s)	2 Components		54 ± 3% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	28°C (82°F)

### PHYSICAL PROPERTIES

Finish                      Semi flat  
 Colour                    Brown Beige (RAL-1011), Pale Brown (RAL-8025), signal white (RAL-9003) and Jet black (RAL-9005)  
 Specific Gravity after Mixing    1.30 ± 0.05 gr/cm<sup>3</sup>

### 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 and intermediate coating is recommended.  
 Mixing Ratio              Component A: (Base) 100 Parts by weight      Component B: (Hardener) RTB-848-B or RTB-9200 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. Do not thin down each component separately.  
 Pot Life                    6 Hours at 25°C  
 Theoretical Consumption    145 gr/m<sup>2</sup> @ 60 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	4 – 6 Bar	3 – 4 Bar	---	---
	Thinning	5 – 10% T-849	8 – 15% T-849	3 – 5% T-849	---

Film Thickness	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	110	65	130
Dry Film Thickness (µm)	60	35	70

Drying Time	Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
	20 – 30 Minutes	45 – 60 Minutes	2 – 3 Hours	3-5 Days	Not Applicable

*\*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-849.

### PACKING, STORAGE AND SAFETY

Packing                    Component A (Base): 20 Litres Containers (20 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 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.