RONASS EPOXY FLOOR COATING
RTB-999-R (A&B COMPONENTS)

A two-component floor coating system with excellent chemical and mechanical properties and very good flow.

USES AND SUITABALE PRIMERS

Recommended Uses	Primer, intermediate and finish coat for concrete surfaces and floor coating systems.
Suitable Primers	RTB-750 (Two-Component Epoxy Sealer) thinned down with T-445 Ronass, and RTB-788 (Ronass Epoxy Pink Putty) to fill dents and cracks.

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyaminoamide	Solid Content After Mixing	90 ± 2% By Weight
Number of Component(s)	2 Components		80 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	28°C (82°F)

PHYSICAL PROPERTIES

Finish	Gloss
Colour	Wide range available according to the RAL colour system
Specific Gravity after Mixing	1.65 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation	All oil, grease, dirt and other contaminants must be removed from the surface. Use a grinding machine, scruffier machine or sandblast to prepare the surface and obtain an even surface with ideal roughness. Treatment with RTB-750 (Two-Component Epoxy Sealer) and RTB-788 (Ronass Epoxy Pink Putty) is recommended.
Mixing Ratio	Component A: 100 Parts by weight Component B (RTB-999-R-B or RTB-9300): 12.5 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 application to allow for pre-reaction time. Do not thin down each component separately. **To obtain suitable surface roughness, add 25-50% RTB-1000 and apply with a proper roller.*
Pot Life	2 Hours at 25°C
Theoretical Consumption	520 gr/m² @ 250 Microns DFT
Paint Application	Spray (Airless) – Roller – Brush

Thinning:

Method of Application	Roller	Brush	Airless Spray
Thinning	T-445 if necessary	3-5 % T-445	5-10% T-445

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	315	125	430
Dry Film Thickness (µm)	250	100	350

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Walk	Fully Cured	Recoating Interval
30 – 60 Minutes	3 – 4 Hours	Up to 24 Hours	7 – 10 Days	Min. 16 Hours Max. 10 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*
**Please note that the concrete humidity should be lower than 5%*

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 (2.5 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.