RONASS EPOXY FLOOR COATING
RTB-1246 (A&B COMPONENTS)

Epoxy floor coating with excellent adhesion and flow, chemical and mechanical resistances.

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) diluted with T-445 Ronass and RTB-788 (Ronass Epoxy Pink Putty).

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyaminoamide	Solid Content After Mixing	98 ± 1% By Weight
Number of Component(s)	2 Components		96 ± 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	1.70 ± 0.10 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 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: 10 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 thinning down to allow for the 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	4 Hours at 25°C
Theoretical Consumption	440 gr/m² @ 250 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.013" – 0.021"	1.80 mm	---	---
Pump Ratio	1 / 45	---	---	---
Air Pressure	3 – 5.5 Bar	3 – 5 Bar	---	---
Thinning	10 – 20% T-1000	20 – 40% T-1000	3 – 5% T-1000	3 – 5% T-1000

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	260	105	365
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 L | Component B (Hardener): 4 L
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 9 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.