

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

USES AND SUITABLE 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 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, scuffier 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 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 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

| 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 | 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.