

A Solvent-free, two-component Epoxy coating with excellent anti-corrosive, chemical and mechanical properties and fresh or seawater resistances. Another key characteristic of this coating is its remarkable abrasion resistance.

USES AND SUITABLE TOP-COATS

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| Recommended Uses | Can be used as a primer, intermediate, finish coat or as a single coating system on blast cleaned metal surfaces in corrosive atmospheres or buried and underwater conditions, interior coating for drinking water tanks and pipelines. |
| Suitable Top-Coats | RTB-1272 may be over-coated by itself, RTB-755-C (Ronass Epoxy Tar-Based Coating), or other epoxy and polyurethane coating systems. |

CHEMICAL COMPOSITION

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|------------------------|-------------------|----------------------------|----------------|
| Type of Binder | Epoxy – Polyamine | Solid Content After Mixing | 100% By Weight |
| Number of Component(s) | 2 Components | | 100% By Volume |
| Curing Mechanism | Chemical Reaction | Flash Point | --- |

PHYSICAL PROPERTIES

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| Finish | Semi Gloss |
| Colour | Jet Black (RAL-9005) |
| Specific Gravity After Mixing | 1.40 ± 0.05 gr/cm ³ |

APPLICATION DETAILS

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| Surface Preparation | All oil, grease, dirt and other contaminants must be removed from the surface. Sandblast according to Swedish Standard. Sa. 3 and treatment with an epoxy primer is recommended. |
| Mixing Ratio | Component A: 100 Parts by weight Component B: 17.5 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 5 additional minutes prior to thinning down to allow for the pre-reaction time. Do not thin down each component separately. |
| Pot Life | 1 Hours at 25°C |
| Theoretical Consumption | 700 gr/m ² @ 500 Microns DFT |

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|-------------------|--------------|-----------------|-----------|-------|--------|
| Paint Application | Methods | Airless Spray | Air Spray | Brush | Roller |
| | Nozzle Size | 0.023" – 0.035" | --- | --- | --- |
| | Pump Ratio | 1/68 | --- | --- | --- |
| | Air Pressure | 5 – 8 Bar | --- | --- | --- |
| | Thinning | --- | --- | --- | --- |

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|----------------|-------------------------|-------------|---------|---------|
| Film Thickness | | Recommended | Minimum | Maximum |
| | Wet Film Thickness (µm) | 1000 | 250 | 2000 |
| | Dry Film Thickness (µm) | 1000 | 250 | 2000 |

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|-------------|----------------|----------------|---------------|-------------|-------------------------------|
| Drying Time | Dust Free Time | Tack Free Time | Dry to Handle | Fully Cured | Recoating Interval |
| | 20-30 Minutes | 3-4 Hours | 16-24 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*

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|--------------------|------------------------|-----------|------------|
| Application Limits | Relative Humidity | Min. --- | Max. 80% |
| | Temperature | Min. +5°C | Max. +50°C |
| | Substrate Temperature* | Min. +5°C | Max. +55°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-445.

PACKING, STORAGE AND SAFETY

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| Packing | Component A (Epoxy): 20 Liter Containers Component B (Hardener): 6 Liter Containers |
| Storage Conditions | To be stored in cool and dry conditions in original sealed containers. |
| Shelf Life | At least 12 months after delivery. |
| 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. |