



TWO-COMPONENT HIGH-BUILD EPOXY TAR-BASED COATING

RTB-898-R (A&B COMPONENTS)

A high-build two-component coal-tar epoxy coating with excellent anti-corrosive properties, as well as outstanding fresh and seawater resistances.

USES AND SUITABLE TOP-COATS

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| Recommended Uses | Can be used as a primer, intermediate or finish coat on blast cleaned metal or concrete surfaces in corrosive atmospheres or buried conditions. |
| Suitable Top-Coats | RTB-898-R may be over-coated by itself, RTB-755-C (Ronass Epoxy Tar-Based Coating), or other epoxy coating systems. A yellow tar stain will most likely cover the top-coat. |

CHEMICAL COMPOSITION

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| Type of Binder | Coal-Tar Epoxy – Polyaminoamide | Solid Content After Mixing | 75 ± 2% By Weight |
| Number of Component(s) | 2 Components | | 58 ± 2% By Volume |
| Curing Mechanism | Chemical Reaction | Flash Point | 28°C (82°F) |

PHYSICAL PROPERTIES

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| Finish / Colour | Semi gloss Jet Black (RAL-9005) |
| Specific Gravity after Mixing | 1.40 ± 0.05 gr/cm ³ |
| Thermal Tolerance | Min -45°C Max 115°C |

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 (SIS 5900). Sa. 2 ½ is recommended. | | |
| Mixing Ratio | Component A: 100 Parts by weight Component A: 4 Parts by volume | Component B: 15 Parts by weight Component B: 1 Parts by volume | RTB-9100 RTB-9100 |
| 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 thinning down to allow for the pre-reaction time. Do not thin down each component separately. | | |
| Pot Life | 4 Hours at 25°C | | |
| Theoretical Consumption | 360 gr/m ² @ 150 Microns DFT 240 gr/m ² @ 100 Microns DFT | | |

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| Paint Application | Methods | Airless Spray | Air Spray | Brush | Roller |
| | Nozzle Size | 0.013" – 0.017" | 1.80 mm | --- | --- |
| | Pump Ratio | 1 / 45 | --- | --- | --- |
| | Air Pressure | 4 – 6 Bar | 3 – 5 Bar | --- | --- |
| | Thinning | 3 – 5% T-723 | 10 – 15% T-723 | 3 – 5% T-723 | 3 – 5% T-723 |

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| Film Thickness | | Recommended | Minimum | Maximum |
| | Wet Film Thickness (µm) | 175 | 105 | 260 |
| | Dry Film Thickness (µm) | 100 | 60 | 150 |

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|-------------|-----------------|----------------|---------------|-------------|-------------------------------|
| Drying Time | Dust Free Time | Tack Free Time | Dry to Handle | Fully Cured | Recoating Interval |
| | 45 – 60 Minutes | 2 – 3 Hours | 6 – 8 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. +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*

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| 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-723. |
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PACKING, STORAGE AND SAFETY

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| 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. |