

Two-component polyurethane clear coat with excellent adhesion, outdoor stability, durability, and great chemical, weather and ultra-violet radiation resistances

USES AND SUITABLE PRIMERS

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| Recommended Uses | Finish coat for maintenance operations, protective coating systems and primed metal surfaces. This coating also provides a great finish and excellent protection against U.V. radiation when used as an automotive clear coating |
| Suitable Primers | Epoxy primers and polyurethane coatings. |

CHEMICAL COMPOSITION

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| Type of Binder | Acrylic – Isocyanate | Solid Content After Mixing | 42 ± 1% By Weight |
| Number of Component(s) | 2 Components | | 35 ± 1% By Volume |
| Curing Mechanism | Chemical Reaction | Flash Point | 28°C (82°F) |

PHYSICAL PROPERTIES

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| Finish | Full Gloss |
| Colour | Clear |
| Specific Gravity after Mixing | 0.94 ± 0.03 gr/cm ³ |

APPLICATION DETAILS

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| Surface Preparation | All oil, grease, dirt and other contaminants must be removed from the surface. Surface preparation according to the surface condition and treatment with a proper primer and intermediate coating is recommended. | | |
| Mixing Ratio | Component A: 100 Parts by weight | Component B: (Hardener) RTB-878-B or RTB-9200 50 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 | 6 Hours at 25°C | | |
| Theoretical Consumption | 160 gr/m² @ 60 Microns DFT | | |

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| Paint Application | Methods | Airless Spray | Air Spray | Brush | Roller |
| | Nozzle Size | 0.009" – 0.011" | 1.60 or 1.80 mm | --- | --- |
| | Pump Ratio | 1 / 28 | --- | --- | --- |
| | Air Pressure | 4 – 6 Bar | 3 – 5 Bar | --- | --- |
| | Thinning | 5– 1% T-849 | 15 – 20% T-849 | 3 – 5% T-849 | --- |

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| Film Thickness | | Recommended | Minimum | Maximum |
| | Wet Film Thickness (µm) | 115 | 40 | 140 |
| | Dry Film Thickness (µm) | 40 | 15 | 50 |

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|-------------|-----------------|----------------|---------------|-------------|------------------------------|
| Drying Time | Dust Free Time | Tack Free Time | Dry to Handle | Fully Cured | Recoating Interval |
| | 20 – 40 Minutes | 1-2 Hours | 6-8 Hours | 3-5 Days | Min. 16 Hours Max. 7 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-849. |
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PACKING, STORAGE AND SAFETY

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| Packing | Component A (Base): 10 Litres Containers (6 kgs. Net) and Component B(Hardener): 5 Litres Containers (3 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. |