# RONASS ANTI-CORROSIVE PRIMER
RTB-1191

Special one-component primer with excellent adhesion, hiding power and anti-corrosive properties.

## USES AND SUITABALE TOP-COATS

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|---|---|
| Recommended Uses | Primer coat for brushed and sandblasted steel structures and metal surfaces in new construction and maintenance operations. |
| Suitable Top-Coats | Alkyd Urethane coatings and synthetic enamels. |

## CHEMICAL COMPOSITION

| | | | |
|---|---|---|---|
| Type of Binder | Epoxy Ester Resin | Solid Content | 70 ± 1% By Weight |
| Number of Component(s) | 1 Component | | 52 ± 2% By Volume |
| Curing Mechanism | Solvent Evaporation and Oxidation | | |
| Main Pigment(s) | Zinc Phosphate and Other Active Pigments | Flash Point | 20°C (68°F) |

## PHYSICAL PROPERTIES

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|---|---|
| Finish | Semi flat |
| Colour | Wide range available according to the RAL colour system. |
| Specific Gravity | 1.35 ± 0.10 gr/cm³ |

## APPLICATION DETAILS

Surface Preparation: All oil, grease, dirt and other contaminants must be removed from the surface. Wire brush or sandblast according to the surface conditions is recommended.

Theoretical Consumption: 100 gr/m² @ 40 Microns DFT

Paint Application

| Methods | Airless Spray | Air Spray | Brush | Roller |
|---|---|---|---|---|
| Nozzle Size | 0.009" – 0.011" | 1.80 mm | --- | --- |
| Pump Ratio | 1 / 28 | --- | --- | --- |
| Air Pressure | 4 – 6 Bar | 3 – 4 Bar | --- | --- |
| Thinning | 5 – 8% T-1192 | 10 – 15% T-1192 | 3 – 5% T-1192 | 3 – 5% T-1192 |

Film Thickness

| | Recommended | Minimum | Maximum |
|---|---|---|---|
| Wet Film Thickness (µm) | 75 | 45 | 115 |
| Dry Film Thickness (µm) | 40 | 25 | 60 |

Drying Time@25°C

| Dust Free Time | Tack Free Time | Dry to Handle | Recoating Interval |
|---|---|---|---|
| 5 – 10 Minutes | 1 – 2 Hours | 6 – 8 Hours | Min. 16 Hours<br>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*

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-1192.

## PACKING, STORAGE AND SAFETY

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|---|---|
| Packing | 20 Litres Containers (25 kgs. Net) |
| Storage Conditions | To be stored in cool and dry conditions in original sealed containers. |
| Shelf Life | At least 18 months after deliveryin 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.<br>Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate ventilation. |