

A high-build synthetic primer based on Micaceous Iron Oxide with excellent adhesion, corrosion protection, and durability.

USES AND SUITABLE TOP-COATS

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|--------------------|--|
| Recommended Uses | first coat for steel structures and metal surfaces. |
| Suitable Top-Coats | Alkyd paints, chlorinated rubber coatings and synthetic enamels. |

CHEMICAL COMPOSITION

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|------------------------|-----------------------------------|---------------|-------------------|
| Type of Binder | Specially Selected Alkyd Resin | Solid Content | 75 ± 1% By Weight |
| Number of Component(s) | 1 Component | | 60 ± 2% By Volume |
| Curing Mechanism | Solvent Evaporation and Oxidation | | |
| Main Pigment(s) | Micaceous Iron Oxide | Flash Point | 28°C (82°F) |

PHYSICAL PROPERTIES

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|------------------|--|
| Finish | Flat |
| Colour | Mahogany Brown (RAL-8016) and Basalt Grey (RAL-7012) |
| Specific Gravity | 1.40 ± 0.05 gr/cm ³ |

APPLICATION DETAILS

Surface Preparation All oil, grease, dirt and other contaminants must be removed from the surface. Wire brush or sandblast according to Swedish Standard(SIS 5900). Sa 2 is recommended.

Theoretical Consumption 185 gr/m² @ 80 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 / 28 | --- | --- | --- |
| | Air Pressure | 4 – 6 Bar | 3 – 4 Bar | --- | --- |
| | Thinning | 5 – 10% T-822 | 10 – 20% T-822 | 3 – 5% T-822 | 3 – 5% T-822 |

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|----------------|-------------------------|-------------|---------|---------|
| Film Thickness | | Recommended | Minimum | Maximum |
| | Wet Film Thickness (µm) | 135 | 100 | 165 |
| | Dry Film Thickness (µm) | 80 | 60 | 100 |

| | | | | | |
|-------------|-----------------|----------------|---------------|-------------|-------------------------------|
| Drying Time | Dust Free Time | Tack Free Time | Dry to Handle | Fully Cured | Recoating Interval |
| | 20 – 40 Minutes | 1 – 2 Hours | 8 – 12 Hours | 10-20 Days | Min. 24 Hours Max. 14 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-822.

PACKING, STORAGE AND SAFETY

Packing 6 | 10 L | 20 L

Storage Conditions To be stored in cool and dry conditions in original sealed containers.

Shelf Life At least 12 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.