HIGH-BUILD RED LEAD PRIMER
RTB-961

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

USES AND SUITABALE TOP-COATS

Recommended Uses	First or single coating system for steel structures, maintenance operations and metal surfaces which are in close contact with masonry or insulation materials.
Suitable Top-Coats	Depending on service conditions, RTB-961 can be over-coated by a wide range of alkyd paints, chlorinated rubber coatings, vinyl and synthetic enamels.

CHEMICAL COMPOSITION

Type of Binder	Epoxy-Modified Polyester Resin	Red Lead Content in Dried Film	60 ± 1% By Weight
Number of Component(s)	1 Component	Solid Content	75 ± 1% By Weight
Curing Mechanism	Solvent Evaporation and Oxidation		57 ± 1% By Volume
Main Pigment(s)	Red Lead	Flash Point	28°C (82°F)

PHYSICAL PROPERTIES

Finish	Semi flat
Colour	Red Orange (Comparable with RAL-2001)
Specific Gravity	1.45 ± 0.05 gr/cm³
Heat Resistance	Continuous Service: 90°C
	Non-Continuous Service: 140°C

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 or greater is recommended.

Theoretical Consumption: 130 gr/m² @ 50 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.011" – 0.015"	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

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	100	70	175
Dry Film Thickness (µm)	60	40	100

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
60 – 90 Minutes	3 – 5 Hours	16 – 24 Hours	Depends on Film Thickness up to 10 Days.	Min. 8 Hours 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-822.

PACKING, STORAGE AND SAFETY

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 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.