RONASS SEMI-GLOSS ALKYD ENAMEL
599

Semi-gloss synthetic enamel with excellent outdoor stability and durability. This product complies with National Iranian Standard ISIRI-5475. (Certificate No. 8644750934)

USES AND SUITABALE PRIMERS

Recommended Uses	Intermediate and top-coat for metal surfaces, masonry materials and industrial structures that are exposed to mild corrosive conditions.
Suitable Primers	Alkyd or other synthetic primers.

CHEMICAL COMPOSITION

Type of Binder	Modified Alkyd Resin	Solid Content	68 ± 2% By Weight
Number of Component(s)	1 Component		54 ± 3% By Volume
Curing Mechanism	Solvent Evaporation and Oxidation	Flash Point	28°C (82°F)
Main Pigment(s)	Non-Toxic Inert Pigments		

PHYSICAL PROPERTIES

Finish	Semi-gloss
Colour	Wide range available according to RAL and BS colour systems.
Specific Gravity	1.20 ± 0.015 gr/cm³
Heat Resistance	Continuous Service: 80°C Non-Continuous Service: 120°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 STD. Sa 2 and treatment with a suitable primer is recommended.
Concrete surfaces must be clean and free of contamination. The maximum allowable moisture level at the time of staining is 5%.

Theoretical Consumption: 115 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	3 – 4.5 Bar	3 – 5 Bar	---	---
Thinning	7 – 12% T-411	15 – 20% T-411	2 – 3% T-411	2 – 3% T-411

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	120	75	170
Dry Film Thickness (µm)	65	40	90

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
30 – 60 Minutes	3 – 4 Hours	16 – 24 Hours	7 Days	Min. 16 Hours Max. 24 Hours

**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: Clean tools thoroughly before and immediately after use with cleaning solvent T-111 or T-411.

PACKING, STORAGE AND SAFETY

Packing	QU: 1 Litre Containers (1.2 kgs Net) | Gall: 4 Litres Containers (4.7 kgs Net) | Pail: 20 Litres Containers (24 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.