RONASS SWIMMING POOL COATING
1400 – 1423

Ronass Swimming Pool Coating is specialty product with remarkable humidity and water resistances, and exhibits excellent adhesion to steel, concrete and wood substrates. This product complies with National Iranian Standard ISIRI-307. (Certificate No. 864474893)

USES

Recommended Uses	This coating has been designed for use on steel, wood or concrete substrates that may be submerged in water or placed in very humid environments.

CHEMICAL COMPOSITION

Type of Binder	Modified Chlorinated Rubber	Solid Content	65 ± 1% By Weight
Number of Component(s)	1 Component		44 ± 2% By Volume
Curing Mechanism	Solvent Evaporation	Flash Point	28°C (82°F)

PHYSICAL PROPERTIES

Finish	Semi-flat
Colour	Blue (1400) and White (1423)
Specific Gravity	1.35 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation

Steel Surfaces: All oil, grease, dirt and other contaminants must be removed from the surface. Use a sanding machine or wire brush if necessary and use of a suitable epoxy primer is recommended.
Concrete Surfaces: All oil, grease, dirt, salts and other contaminants must be removed from the surface using fresh water or acid-washing. Rid the surface of any old paint that may have been applied and use a suitable sealer to fill any cracks.
Wood Surfaces: All oil, grease, dirt, old paint and other contaminants must be removed from the surface. Sand the surface to achieve the desired roughness and apply 1 to 2 layers of a suitable sealer to better protect against water and improve adhesion. After the sealer has dried, sand the surface to ready it for paint application.

Theoretical Consumption

310 gr/m² @ 100 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.017"	1.80 mm	---	---
Pump Ratio	1 / 45	---	---	---
Air Pressure	4 – 6 Bar	3 – 5 Bar	---	---
Thinning	5 – 10% T-1010	10 – 20% T-1010	3 – 5% T-1010	3 – 5% T-1010

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	115	60	170
Dry Film Thickness (µm)	50	25	75

Drying Time @25°C

Dust Free Time	Tack Free Time	Dry to Handle	Recoating Interval	Ready for Use
15 – 45 Minutes	2 – 3 Hours	16 – 24 Hours	Min. 16 Hours Max. 24 Hours	At Least 48 Hours

**Drying time calculated at 25°C according to ASTM test method D-1640 for 100 µm WFT*

Application Limits

Relative Humidity	Min. ---	Max. 85%
Temperature	Min. +10°C	Max. +40°C
Substrate Temperature*	Min. +10°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 T-1010.

PACKING, STORAGE AND SAFETY

Packing	QU: 1 Litre Containers (1.250 kgs Net) | Gall: 4 Litres Containers (5 kgs Net)
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 24 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.