GLOSS SYNTHETIC VARNISH
175

Ronass Gloss Synthetic Varnish is a non-pigmented clear coat based on Alkyd resin offering excellent flow as well as ease of application. This product is high gloss and allows for great gloss retention, excellent stability and durability with no yellowing or chalking. This product complies with National Iranian Standard ISIRI-1554. (Certificate No. 8604330794)

USES AND SUITABALE PRIMERS

Recommended Uses	Intermediate and finish coat for decorative coating systems on steel, wood and plaster surfaces.
Suitable Primers	Alkyd paints and synthetic coatings. The coating can also be used on laminated wooden surfaces.

CHEMICAL COMPOSITION

Type of Binder	Alkyd Resin	Solid Content	50 ± 1% By Weight
Number of Component(s)	1 Component		45 ± 2% By Volume
Curing Mechanism	Solvent Evaporation and Oxidation	Flash Point	38°C (100°F)

PHYSICAL PROPERTIES

Finish	Gloss
Colour	Clear
Specific Gravity	0.90 ± 0.02 gr/cm³

APPLICATION DETAILS

Surface Preparation: All oil, grease, dirt and other contaminants must be removed from the surface. For wooden surfaces, preparation with proper sand paper.

Theoretical Consumption: 100 gr/m² @ 50 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.013"	1.80 mm	---	---
Pump Ratio	1 / 28	---	---	---
Air Pressure	4 – 6 Bar	3 – 4 Bar	---	---
Thinning	8 – 12% T-411	15 – 20% T-411	3 – 5% T-411	3 – 5% T-411

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	110	45	155
Dry Film Thickness (µm)	50	20	70

Drying Time@25°C

Surface Drying Time	Thorough Drying Time	Dry to Handle	Recoating Interval
4 – 5 Hours	16 – 24 Hours	24 Hours	After 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 (0.850 kgs Net) | Gall: 4 Litres Containers (3.350 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.