

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

Intermediate and finish coat for decorative coating systems on steel, wood and plaster surfaces. Recommended Uses 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 45 ± 2% By Volume Number of Component(s) 1 Component

Solvent Evaporation and Oxidation Flash Point 38°C (100°F) **Curing Mechanism**

PHYSICAL PROPERTIES

Finish Gloss Colour Clear

 $0.90 \pm 0.02 \, \text{gr/cm}^3$ Specific Gravity

APPLICATION DETAILS

All oil, grease, dirt and other contaminants must be removed from the surface. For wooden surfaces, preparation Surface 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

Minimum

Maximum

Film Thickness

Drying Time

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

Recommended

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

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

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.

This product contains organic solvents and flammable materials. Keep away from sparks, fires, electrical cables and Safety

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.

















