



**One-compound alkyd-urethane  
varnish  
«Sintego-UR.05»**



TC U 24.6-32803942-028:2008

«Sintego-UR.05» is a high quality one-compound alkyd-urethane varnish of premium class with low color and high resistance to ultra-violet rays, sea and sweet water resistance.

**Spheres of Application and Characteristics:**

- Thanks to unique formulation the varnish forms a special thick wearproof and exposed quality scam, having high working characteristics.
- The varnish may be applied by air or airless spraying as well as with a brush or a roller. It is a one-compound system that greatly ease the material preparation for the application and usage.
- Thanks to low toxicity the varnish is very acceptable and is low toxic during application.
- The varnish is used as a finishing layer for high quality anticorrosion coatings and systems for metallic and wooden surfaces (for example, deck constructions, masts) as well as during the contact of the paint with sea and sweet water and in damp climate.
- It is well combined with alkyd, acryl, alkyd-urethane, acryl-urethane, urethane and epoxy coatings.
- The varnish has high hardness and wearability resistance.
- It is recommended for finishing layer in coating systems of the highest level.
- Working life of the coating – 6 years minimum.

**Technical characteristics:**

Name of characteristic and measure unit	Value
Appearance of varnish scam	After drying the varnish must have the homogeneous colorless scam free from inclusions, bits and interstice
Non-volatile matters content, %	50-55
Drying time to the degree 3 at 20± 2 °C, h, max.	6
Adhesion by lattice incision, points, max.	1
Scam flexibility, mm, max.	2
Strength at impulse, cm, min.	50
Scam hardness by pendulum device (type TML) (pendulum A), standard unit, min.	0,55
3 % sea salt solution resistance, at 20±2°C, days, min.	20
Resistance to static impact of water at 20±2°C, days, min.	25
Resistance to static impact of 0,5 % detergent solution at 35± 5 °C, h, min.	3

### Application instruction

Thoroughly mix the varnish. If it is required the varnish may be diluted with the solvent up to the needed viscosity. For dilution and attenuation use the solution «solvent: cyclohexanone» in ratio 1:1, or solvent R-14, R-198, RL-176.

The varnish, as a rule, is applied in 1-3 layers (the average consumption 50-100 g/m<sup>2</sup> for one layer without taking into account waste), for the first priming layer for wood painting it is recommended to use the varnish diluted for 20-30% with the appropriate solvent.

The painted surfaces must be clean and dry. The moisture content in the painted wood must be below 20%. Air temperature and temperature of the painted surface and the varnish during application and drying must be above 5 °C and relative humidity - below 80%.

For priming of new not painted surfaces it is recommended to dilute the varnish approximately on 20% with solvent or the above mentioned solvents. Not diluted varnish must be applied with a brush in 2 - 3 thin layers. On before painted and priming surfaces, the varnish must be applied in 1- 2 layers. After the appropriate interlaminar ageing before applying the next layer it is recommended to make grinding.

### Package and storage

Packaging is made according to State Standard 9980.3.

Storage is carried out according to State Standard 9910.5.

Guarantee storage term of the primer – 12 months from the date of manufacture.

### Occupational safety and safety appliances

Varnish components are flammable materials. The primer should be used in well ventilated rooms. Avoid inhalation, eye and skin contact.



Bureau Veritas Certification confirms that Quality Management System of InterGazSintez is examined and met the requirements of standard ISO 9001:2000 in anticorrosion, fireproof and other paints production (Certificate No. 213639 dated 12.09.07).

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Enterprise “InterGazSintez” received Certificate of Certification System UkrSepro as for the accordance of the Quality Management System of production to GOST (State Standard) ISO 9001-2001 (Certificate No. UA2.043.02607-07 dated 26.10.2007)