



**One-compound alkyd-urethane  
priming enamel  
«Sintego-UR.06 elit»**



TC U 24.6-32803942-029:2008

«Sintego-UR.06 elit» is a one-compound alky-urethane priming enamel with big solid residual, containing special ingredients that prevent corrosion.

**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 priming enamel has high adhesion to metallic, concrete and wooden surfaces. Thanks to this capacity, the previous priming of the surface is not required.
- The coating may be applied with air and airless spraying as well as with a brush or a roller.
- Thanks to low toxicity of the containing solvents, the priming enamel is very comfortable for application and low toxic.
- The enamel is used as a primer, especially, in difficult cleaning steel constructions exposed to mechanic and chemical impacts as well as during contact of the coating with sea and sweet water and in damp climate.
- It is recommended for the first and repairing painting of bridges, steel and reinforced concrete constructions, tanks, equipment of chemical and petrochemical equipment, port and by-port constructions, sea and river crafts, railway wagons and automobile trucks, pipelines, etc.
- Working life of the primer-enamel is 6 years minimum.
- Color of the priming enamel – according to RAL classic.

**Technical characteristics**

Name of characteristic and measure unit	Value
Appearance	After drying the coating must have the homogeneous colorless scam free from inclusions, bits and interstice
Brightness, %, min.	60
Non-volatile matters content, %, min.	from 65 to 75
Grinding degree according to KLIN, mcm, max.	30
Density at 20±0,5 °C, g/cm <sup>3</sup> , within	from 1,15 to 1,25
Relative viscosity by flow meter-246 with nozzle diameter 4 mm at 20,0±0,5°C, sec.	from 60 to 120
Spreading capacity, g/m <sup>2</sup> ,max.	100
Drying time to the degree 3 at 20± 2 °C, h, max.	6
Adhesion by lattice incision, points, max.	1
Flexibility, mm, max.	2

## Enterprise with 100% foreign investment «InterGazSintez»

Strength at impulse, cm, min.	50
Scam hardness by pendulum device (type TML) (pendulum A), standard unit, min.	0,20
Resistance to static impact of 3 % sea salt solution at 20±2 °C, days, min.	15
Resistance to static impact of water at 20±2°C, days, min.	15
Resistance to static impact of 0,5 % detergent solution at 35± 5 °C, h, min.	3
Recommended thickness of the layer, mcm	80 – 120
Minimum consumption of the enamel for one layer coating, kg/m <sup>2</sup> , thickness of a dried coating 120 mcm	0,125

### Application instruction

The priming enamel should be thoroughly mixed. If it is required the priming enamel may be diluted with the solvent up to the needed viscosity. For dilution and attenuation use white-spirit or solvent R-4, R-12, R-198, RC-2.

Application of priming enamel does not require previous surface priming.

Application of priming enamel does not require finishing coating application.

To improve the protection properties of the coating it is allowed to apply the finishing layer of acryl-urethane varnish “Sintego-UR.01 premium” with the thickness of the layer 40.....70 mcm.

### 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 priming enamel – 12 months from the date of manufacture.

### Occupational safety and safety appliances

The priming enamel is a flammable material. It 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).

UkrSEPRO

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)