



**One compound alkyd-urethane  
primer  
«Sintego-UR.08 zinc»**



**TC U 24.6-32803942-031:2008**

“Sintego-UR.08 zinc” is a one compound primer of high quality based on alkyd-urethane mediums, containing metallic zinc that forms system of cathode protection on the surface of the protected material and prevents corrosion as well as strength protection property of the primer.

**Spheres of Application and Characteristics:**

- High physicochemical properties and working properties, solvents, sweet and salt water resistance, high and low temperature resistance allow to recommend the primer to many customers for hardwares, bridges, tanks, steel and ferroconcrete constructions, equipment for chemical and petrochemical industries, port and by-port constructions, sea and river crafts, railway wagons and automobile trucks, pipelines, wooden and concrete items priming.
- The primer is a one component material improving the application technology.
- The primer may be applied under the low temperature (up to 0 °C) of ambient air.
- The material may be used as a priming layer in the following coating systems: alkyd (acryl)- urethane primer – intermediate layer – finishing coating.
- Working life of the primer is not less 15 years.
- The primer is well combined with epoxy, polyurethane, acryl and alkyd coatings. The recommended main layer – epoxy enamel “Sintego EE” or acryl-urethane priming enamel “Sintego-UR.02”, the finishing layer – acryl-urethane varnish “Sintego-UR.01”.

**Technical characteristics:**

Name of characteristic and measure unit	Value
Appearance	Frost coating of dark grey colour, free from inclusions and bits
Non-volatile matters content, %, min.	80
Relative viscosity by flow meter-246 with nozzle diameter 4 mm at 20,0±0,5°C, sec.	from 50 to 80
Density at 20±0,5 °C, g/cm <sup>3</sup>	from 1,50 to 1,60
Degree of grinding, mcm, max.	40
Adhesion, points, max.	1
Layer flexibility, mm, max.	2
Strength at impulse, cm, min.	70
Recommended thickness of the layer, mcm	from 20 to 50
Drying time of the layer with thickness of 30 mcm up to the degree 3 at 25 °C, h, max.	6
Water resistance, h, min.	72
3 % sodium chloride solution resistance, h, min.	72
White spirit resistance, h, min.	72

Toluene resistance, h, min.	72
Material consumption at the thickness of the layer 20-50 mcm, kg/m <sup>2</sup>	from 0,05 to 0,08

### **Application instruction**

The primer is thoroughly mixed before application, if it is required the primer may be diluted to working viscosity by white spirit or solvent. At low temperature it is allowed to use high volatilizable solvents after checking their compatibility with the primer.

The primer is applied on the previously prepared according to State Standard No. 9.402 or MI ISO 8501-1 (up to the degree Sa2½ or to St3) surface by air or airless spraying, with a brush or a roller at the surface temperature 3 °C above drop point. The recommended quantity of layers 1-2.

### **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**

During primer application, the person should follow precautions recommended during the working with paints containing solvents.

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).

**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)