



Two-compound epoxy primer «Sintego-EG Ultra»



TC U 24.6-32803942-016:2007

«Sintego-EG Ultra» is a two-compound epoxy anticorrosion zinc-phosphate primer of high quality with polyamide hardeners.

Spheres of Application and Characteristics:

- It is used for priming of metal structures in industrial equipment, tanks for petrochemicals as well as wood and concrete surfaces.
- It has resistance to solvents, sweet and salt water.
- The usage of special ingredients increase anticorrosion properties of the primer.
- Epoxy resin of high quality gives the primer good barrier functions, flexibility, firmness and good adhesion.
- The primer is well combined with epoxy, polyurethane, acryl and alkyd coatings. The recommended base layer – epoxy enamel “Sintego EE” or alkyd-urethane priming enamel “Sintego-UR.02”
- Working life of the primer-enamel is 8 years minimum.

Technical characteristics:

Name of characteristic and measure unit	Value
Appearance	Color- dark red
Non-volatile matters content, %, min.	55
Gelatination time after mixing of the base with the hardener, h, min.	24
Relative viscosity by flow meter-246, sec.	80
Density, g/cm ³	1,30-1,50
Degree of grinding, mcm, max.	20
Adhesion, points, max.	1
Flexibility, mm, max.	2
Strength at impulse, cm, min.	80
Recommended thickness of the layer, mcm	20-50
Drying time of the layer with the thickness of 50 mcm to the degree 3 at 25°C, h, max.	3
Resistance to, h, min.:	
– water	72
– 3% sodium chloride solution	
– white-spirit	168
– toluene	
Material consumption at the thickness of the layer 20-50 mcm, kg/m ²	0,051-0,127

Application instruction

The main component is thoroughly mixed with polyamide hardener in ratio 11:1 by mass before application. The primer has its viability for 24 hours

The primer is applied on previously prepared, dry, clean and fat-free surface according to MI ISO 8501-1 (up to the degree Sa2S or to St3) surface by air or airless spraying, with a brush or a roller after 30 minutes, from the time of the components mixing. The surface temperature must be 3 °C above drop point minimum. 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, follow precautions recommended during the working with epoxy materials and hardeners.

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).

UrkSEPRO

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)