



Two-compound epoxy primer «Sintego-EG Optima»



TC U 24.6-32803942-012:2007

«Sintego-EG Optima» is a two-compound high quality epoxy primer that presents itself a suspension of pigments, filling agents and functional additives in epoxy varnish.

Spheres of Application and Characteristics:

- It is used as an efficient anticorrosion epoxy primer in coating systems for hardware, bridges, pipelines, trucks, equipments protection. It is used for priming of concrete and wood items.
- It has a good anticorrosion protection.
- Primer's scam has high chemical resistance.
- High physicochemical properties conform to the best epoxy primers.
- The primer is well combined with epoxy, polyurethane, acryl and alkyd coatings. The recommended finishing layer – epoxy enamel “Sintego EE”
- Working life of the primer is not less 7 years.

Technical characteristics:

Name of characteristic and measure unit	Value
Appearance	цвет – серый матовый
Non-volatile matters content, %, min.	50
Gelatination time after mixing of the base with the hardener, h, min.	24
Relative viscosity by flow meter-246, sec.	20-25
Density, g/cm ³	1,3-1,5
Degree of grinding, mcm, max.	15
Adhesion, points, max.	1
Flexibility, mm, max.	2
Strength at impulse, cm, min.	70
Recommended thickness of the layer, mcm, within	20-50
Drying time of the layer with the thickness of 50 mcm to the degree 3 at 25°C, h, max	6
Resistance to, h, min.:	
– water	72
– 3% sodium chloride solution	168
– white-spirit – toluene	336
Material consumption at the thickness of the layer 20-50 mcm, kg/m ²	0,056-0,140

Application instruction

The primer is thoroughly mixed with the polyamide hardener in ratio 7:1 by mass before application. The working material has its viability for 24 hours if it is stored in hermetic package.

The primer is applied after 30 minutes, from the time of the components mixing has been carried out, on previously prepared surface according to State Standard (GOST) No. 9.402 (degree of oxide cleaning – 2, degreasing degree -1) or MI ISO 8501-1 (up to the degree Sa2S 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, 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).

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)