Two-compound epoxy priming enamel «Sintego-EG Extra»

TC U 24.6-32803942-025:2008

«Sintego-EG Extra» is a two-compound epoxy priming enamel with high residue containing special ingredients that prevent corrosion.

Spheres of Application and Characteristics:

- It is used as a one-layer system for hardwares protection from corrosion, solvents, petrochemicals, sweet and salt water resistance, high and low temperature resistance, acid and alkaline solutions resistance. It may be used for painting of concrete and wood objects.
- Thanks to low concentration of solvents, the priming enamel pollutes the atmosphere less than traditional epoxy paints.
- It is allow to apply a thick layer.
- Primer's scam has high chemical resistance.
- The primer is well combined with epoxy, polyurethane, acryl and alkyd coatings. The recommended finishing layer – epoxy enamel "Sintego EE" or alkyd-urethane priming enamel "Sintego-UR.02"
- Working life of the priming enamel with thickness of 200 mcm is 8 years minimum.

Technical characteristics:

Name of characteristic and measure unit	Value
Appearance	цвет – светло-серый, белый
Non-volatile matters content, %, min.	75
Gelatination time after mixing of the base with the hardener, h, min.	24
Relative viscosity by flow meter-246, sec.	120-150
Density, g/cm^3	1,45-1,60
Degree of grinding, mcm, max.	25
Adhesion, points, max.	1
Flexibility, mm, max.	2
Scam firmness according to pendulum, standard units, min.	0,3
Strength at impulse, cm, min.	40
Recommended thickness of the layer, mcm, within	60-100
Drying time of the layer with the thickness of 60 mcm to the degree 3 at 25℃, h, max	8
Resistance to, h, min.:	
– water – 3% sodium chloride solution	72
– white-spirit – toluene	144

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Material consumption at the thickness of the layer 60-100 mcm, kg/m^2	0,120-0,193

Инструкция по применению

The main component of priming enamel should be thoroughly mixed with the polyamide hardener in ratio 8:1 by mass before application. The working material has its viability for 24 hours if it is stored in hermetic package.

The priming enamel 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 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. If it is required, the priming enamel may be diluted with the solvent up to the working viscosity. The recommended quantity of layers depends on coating exploitation.

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 priming enamel 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)

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