



Two-compound epoxy primer «Sintego-EG Protector»



TC U 24.6-32803942-028:2008

«Sintego-EG Protector» is a two-compound epoxy zinc-filling primer of high quality with polyamide hardeners.

Spheres of Application and Characteristics:

- High efficient anticorrosion epoxy zinc-filling primer is used in coating systems for hardware, bridges, pipelines, trucks, equipments, railway, sea and river transports protection. Steel sheets that have been covered with the primer may be welded.
- Epoxy resin of high quality gives the primer flexibility and good adhesion.
- Zinc powder provides long-term protective function to the primer according to cathode protective mechanism.
- Rheological additives exclude the existence of compact residue during primer storage.
- 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 primer is 15 years minimum.

Technical characteristics:

| Name of characteristic and measure unit | Value |
|---|-------------------|
| Appearance | Color- matte grey |
| 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. | 25 |
| Density, g/cm ³ | 2,5-2,7 |
| Degree of grinding, mcm, max. | 10 |
| Adhesion, points, max. | 1 |
| Flexibility, mm, max. | 2 |
| Strength at impulse, cm, min. | 50 |
| 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. | 1 |
| Resistance to, h, min.: | |
| <ul style="list-style-type: none"> – water – 3% sodium chloride solution – white-spirit – toluene | 72 |
| Material consumption at the thickness of the layer 20-50 mcm, kg/m ² | 0.072-0,178 |

Application instruction

The primer is thoroughly mixed with the polyamide hardener in ratio 21:1 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.

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)