



## Two-compound epoxy primer «Sintego-EG Krio»



TC U 24.6-32803942-027:2008

Two-compound epoxy anticorrosion primer with low-temperature polyamide hardener.

### Spheres of Application and Characteristics:

- It is used in coating systems for hardware, bridges, pipelines, trucks, equipments as well as for priming of wood, concrete objects.
- The usage of a special hardener in the primer formulation allows to make priming of metallic and concrete surfaces at low temperature down to -5 °C
- 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 7 years minimum.

### Technical characteristics:

| Name of characteristic and measure unit  | Value             |
|--|-------------------|
| Appearance   | Color –matte grey |
| 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.   | 20                |
| Density, g/cm <sup>3</sup>   | 1,2-1,4           |
| Degree of grinding, mcm, max.  | 20                |
| Adhesion, points, max.   | 1                 |
| Flexibility, mm, max.  | 2                 |
| Strength at impulse, cm, min.  | 50                |
| Recommended thickness of the layer, mcm, within  | from 20 to 50     |
| Drying time of the layer with the thickness of 20 mcm to the degree 3 at -5°C, h, max. | 5                 |
| Water resistance, h, min.  | 72                |
| 3 % sodium chloride solution resistance, h, min.                                       | 72                |
| White spirit resistance, h, min.   | 336               |
| Toluene resistance, h, min.  | 336               |
| Material consumption, kg/m <sup>2</sup>  | 0,15              |

### Application instruction

The main component of the primer is thoroughly mixed with the hardener in ratio 35:1 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 20 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. by air or airless spraying, with a brush or a roller. If it is required, the primer may be diluted with solvent R-14 to the working viscosity.

### 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

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)