

## Syntego – EPUR.02 HD EPOXY-URETAN COVERING 2K

**version from 27.04.2010**
**TC U 24.6-32803942**

«Syntego-EPUR.02 HD» - anticorrosive covering, represents a composition from two components: bases - suspension of pigments and special additives in epoxy resin's compound and a hardener on the basis of aromatic isocyanates.

dirt, cement, skin or loose sand-cement floors and remove any dust. Clean contaminated and greasy surfaces (oil and fat).

Surface temperature must always be a minimum of 5°F (3°C) above dew point.

### APPLICATION AND PROPERTIES

▼The covering is intended for protection and high-quality finishing of metal wares, steel and concrete tanks, wood and the zinc-coated coverings working in difficult climatic conditions. It can be applied as a protective sheeting of the objects maintained in water, sour and alkaline environments, and also to protection of petroleum storage and gasoline storage.

▼The universal anticorrosive system have excellent adhesion to various materials.

▼The covering possesses high firmness to dispatch-deformation and vibrating loading.

▼The covering is cold-resistant, capable to maintain considerable cyclic differences of temperatures.

▼It can be used as an independent anticorrosive covering, and also like system with epoxy and urethane materials.

▼The material contains micromica and possesses good barrier properties.

### MIXING

Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified.

(1) Agitate Base (Part A) with a power agitator.

(2) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.

The ready mix, is apply by a airless equipment.

Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with IGS solvents. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.

### LABOUR SAFETY AND THE SAFETY TECHNICS

Covering components are a combustible material. To apply in well ventilated premises. To avoid inhalation, hit in eyes and on skin.

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The IGS materials, can be used for many design solutions. Please contact representatives of manufacturer, for reception of consultations on the most qualitative application of our products.

Parameters	Value
Colors	Grey
Volume solids: (min)%,	70
Viscosity (20 <sup>0</sup> C) , sec.	140-180
Density (20±0,5) °C, gr/sm <sup>3</sup>	1,2 - 1,5
Степень перетира, мкм, не более	30
Adhesion, ball	1
Bend flexibility, mm	2
Recommended film thickness, dry,mkm	600 - 1200
Drying times, tack free, 20 °C, h, max	10
Pot Life, hour, max, 20 °C	1

### SURFACE PREPARATION

**STEEL** For best service, Syntego-EPUR.02 HD must be applied to surfaces blast cleaned to SSPC-SP10 or Sa2.5 or Sa2.0 (ISO 8501-1:1988).

**CONCRETE** Concrete must be “healthy”, dry, free of grease, sufficiently strong and at least 28 days old. Sandblast floated surfaces or pre-treat them in another suitable way.

Apply a primer that is suitable for use with the surface. The moisture content of the concrete must not be greater than 4%. Sandblast surfaces with