TEKNOS

EPINOX® 60

Trade symbol 7429-460-250 Issue: February 2012

CHARACTERISTICS

Fast curing epoxy paint, containing inert pigments, cured with polyamines, two component: I component symbol 7429-460-250, component II symbol 8222-014-000. Coating with very good adhesion to surfaces, flexible and resistant to mechanical factors. Coating has antielectrostatic properties (volume resistivity maximum $10^4\Omega$). It is not necessary to remove it before overpainting with antielectrostatic coatings EPITAN® 60, EPITAN® 66.

PRODUCT USE

For priming of:

- steel surfaces of tanks and installations before painting with antielectrostatic OLIVA's coatings.

PROPERTIES

Density (approx.), g/cm^3	1,5
Flash point, °C	21
Typical dry film thickness, µm	30
Typical wet film thickness, µm	70
Theoretical coverage at 100µm, dm^3/m^2	0,07
Volume solids (about), % vol.	42
Recommended number of coats	1
Volatile Organic Compounds, g/dm^3	480

Given data may vary slightly for different colours as well as due to normal manufacturing tolerances.

COLOUR

250 red oxide

SURFACE PREPARATION

- Before cleaning of surface, it is recommended to wash it with water with addition of OLICLEAN 123 and then rinse with fresh water.
- Steel surface dry, salt- and grease-free, cleaned to the degree of cleanliness according to PN-ISO 8501-1, at least Sa 2½.

PAINT PREPARATION

Stir thoroughly component I, mix with component II according to the following mixing proportions:

	by weight	by volume
component I	100	100
component II	30,5	54

Pot life: in 20°C - 8 h.

APPLICATION METHODS

Airless spray, brush.
Airless spray parameter:

Nozzle size	0,33 - 0,48 mm
Nozzle pressure	10 - 15 MPa

THINNING

Not required. When necessary (for example – thickening product) use Thinner 564 (see Technical Information).
For cleaning tools: Thinner 564.

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APPLICATION CONDITIONS

Application and curing conditions:

- minimum surface temperature: +10°C and at least 3°C higher than dew point,
- relative air humidity below 85%,
- good ventilation.

Drying time (in 20°C):

dust dry - 1 h
touch dry - 2 h

Overcoating intervals:

temperature	20°C	10°C
minimum	4h	8h
maximum	2 months	

Given indications relates to the recommended coating thickness, drying in good ventilation conditions. Overcoating times may be different with a change of temperature, ventilation, number of layers and the thickness of the coating.

Full cure:

temperature	20°C	10°C
days	7	14

SUBSEQUENT COAT

Antielectrostatic paints EPITAN® 60, EPITAN® 66 and other OLIVA's epoxy primers and top-coats.

ADDITIONAL INFORMATION

- Antielectrostatic properties of coating systems and coating-laminates systems based on EPINOX® 60, glass fabric, EPITAN® 66 were validated in protocol No 01/295/2002 by Institute of Industrial Organic Chemistry. According to decision, coatings are suitable for explosion hazard zones, classified by regulation of Ministry of the Interior dated 3 November 1992 (Dz. U. No 92 from 10 Dec. 1992), without any limitations.

SHELF LIFE

The storage stability is shown on the label. Store in cool place and in tightly closed can.

CAUTION!

This product is intended for professional use only. Contains bitumen part. Use only in well ventilated rooms. Detailed information about dangerous substances in the products and threats are included in the safety data sheet, which are available at the Customers' request.

The information of this data sheet is normative, based on laboratory tests and our experience. It is available for our Customers' convenience. We accept however, no liability for the actual application work, as this is to great extend dependent on the conditions during handling and application. We accept no liability for any damage from misapplication of the product. The technical terms in the instruction are explained at the beginning of the catalogue. We reserve the right to include changes in the instruction without prior notice.

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