

IZOLEP® - oil

high solid epoxy coating
(TY 2312-081-12288779-2011)



PRODUCT DESCRIPTION:

IZOLEP-oil is a two-component, high-solids, high build, polyamine cured modified epoxy coating. It has low VOC, low temperature curing.

RECOMMENDED USE:

As an interior lining in tanks, pipelines etc. crude oil, fuel oil, diesel fuel, sea and fresh water. It does not require a topcoat.

CERTIFICATES/APPROVALS:

State Registration Certificate No. RU.66.01.40.015.E.000126.04.11 / 18 April 2011.

TECHNICAL DATA:

Coating	
Color/Finish	Grey/Gloss
Dry film thickness per coat (typical)	300 - 500 microns
Adhesion, GOST 27890-88	5 MPa, not less

Paint	
Specify gravity	1.40 – 1.55 g/ml
Non-volatile-matter content (Wt)	90.0 – 93.0 %
Calculated coverage	502 - 836 g/m ² (300 - 500 microns)
Pot life at (20±2) °C	1 h, not less
Drying time up to degree No 3 GOST 19007-73 ("touch-dry") at (20±2) °C and (65±5) °C	8 h, not more

SURFACE PREPARATION:

- Remove oil and grease to achieve degree №2, GOST 9.402-2004;
- Blast slag and rust to achieve degree №2, GOST 9.402-2004 (Sa 2 1/2 or Sa 2, ISO 8501-1:2007);
- Clean the surface carefully from abrasive and dust.
- Acceptable interval between surface preparation and application of IZOLEP-oil must be not more than 6 h in moisture and contaminates absence.

APPLICATION:

- Stir the base thoroughly.
- Add the total contents of curing agent to base (mixing ratio is 100 (base):18 (curing agent)) and continue the mixing until a complete uniform color is achieved.

IZOLEP-oil is recommended to be used for shop and field painting at the temperature from +5 °C to +40°C and up to 75% RH by airless spraying in 1 coat or brush/roller in 2-3 coats.

Airless spray

Recommended Thinner	not recommended
Nozzle size	0.015" – 0.021" (0.38 – 0.53 mm)
Nozzle pressure	15 - 25 MPa (150 - 250 bar)

Brush /Roller

Recommended Thinner	not recommended
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Equipment cleaner

646,647,649

Drying time depends on temperature, when temperature increases, drying time of the coating decreases.

Every next coat of IZOLEP-oil is recommended to be painted after drying of the previous coating during at (20±2) °C and (65±5) % RH at least 8 h and not more than 24 h.

The time of full cure at (20±2) °C is 7 days.

STORAGE AND HANDLING:

Shipping weight is 19.7 kg in cans.

Store in dry, shaded conditions away from sources of heat, moisture and ignition, at the temperature from -40 °C to +40°C; GOST 9980.5-2009.

Guaranteed shelf life in the manufacturer's package units is 12 months from the date of packaging.

SAFETY PRECAUTIONS:

The primer is fire-hazardous. It is necessary to follow all local or national safety regulations.



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