

SANAKRYL® antikor EP

Serial number 0909

Two component water-soluble epoxy anticorrosive coating for base coatings

Features:

SANAKRYL antikor EP is two component water-soluble coating made from water dispersion of epoxy resin, water-soluble amine hardener, special anticorrosive and colored pigments, fillers, special additives, which adjust features of the coating. The coating is specified by great adhesion, very good corrosion and chemical resistance and high hardness of treated surface.

Usage:

Two component coating **SANAKRYL antikor EP** is intended for base coatings of metal constructions and parts in metal industry, foundry and engineering industry. It is suitable especially for coatings in areas with high corrosion stress. As a top coating **SANAKRYL mat PROFI**, **SANAKRYL lesk PROFI** and especially **SANAKRYL 2K email**, **SANAKRYL 2K PUR** can be used. The coating can be used in interiors for single-layer coatings. **SANAKRYL antikor EP** is intended especially for industrial usage.

Technical data:

Dry matter	component A	min. 65 weight %
	component B	min. 42 weight %
Mixing ratio		8 : 1 (weight parts)
Dry matter of thick mixture		min. 62 weight %
Volume matter of thick mixture		min. 46,0 volume %
Viscosity after mixing		min. 100 mPa.s (25 °C)
Workability		2–4 hours
Drying	stage 1	1 hour
	stage 4	4 hours
Gloss		stage 5
Hardness after 24 hours		20 %
Minimum application temperature		15 °C
Content of volatile organic compounds:		
Category/subcategory of product		A/j
Max. volume of VOC in the product		3 g/l
		0,0024 kg/kg
TOC		0,0014 kg/kg

Consumption:

0,125–0,150 kg/m² (1 layer)

Color shade:

RAL 7035, RAL 7001, RAL 7005, other according to requirements of customer

Packaging:

4,5 kg (4 kg + 0,5 kg), 22,5 kg (20 kg + 2,5 kg) plastic containers

Storage:

In original unopened containers from +5 °C to +25 °C. It must not freeze!

Surface preparation:

SANAKRYL antikor EP is applied on prepared metal surface, degreased (**ETERNAL odmašťovač**), cleared of all non-adherent mechanical particles, corrosion, non-adherent old coatings.

Application:

Component A and B are slowly mixed together for 5 minutes in ratio 100 : 12,5 weight parts (i.e. 8 : 1). After proper mixing (drill with stirrer is recommended), **SANAKRYL antikor EP** should rest for 10 minutes, then mixed briefly again, then it is diluted to suitable consistency (ma. 10 weight % of water) and can be applied. **SANAKRYL antikor EP** is applied by brush, roller, air or airless spraying in one or more layers according to requirements on final features of the coating. Technological break between layers is 2–24 hours, depending on drying conditions. Minimum surroundings temperature at application and drying is 15 °C. The coating can be dried additionally at temperatures 30–60 °C if needed. Tools must be used with water immediately after the usage.

Warning:

After the time of workability passes, the coating cannot be used!

Certification:

TZÚS Praha Authorized person number 204

Waste disposal:

Described on safety data sheet of the product.

Safety and hygiene at work:

Component A: is not classified as dangerous. It contains epoxy compounds. May cause an allergic reaction. When following basic hygiene rules, it is not a health hazard. While working, it is suitable to use protective clothing, gloves and goggles. In case of contact with skin, wash with soap and water. In case of contact with eyes, rinse with water immediately. If the irritation does not stop, seek medical help. If swallowed, drink about 0,5 l of tepid water with 10 crushed charcoal tablets and seek medical help. Do not induce vomiting. Other details are described on safety data sheet of the product.

Component B: is classified as harmful for the environment. It contains adduct of aliphatic polyamine. Harmful to aquatic life with long lasting effects. Avoid release to the environment. Dispose of contents/ container in accordance with the relevant national legislation. When following basic hygiene rules, it is not a health hazard. While working, it is suitable to use protective clothing, gloves and goggles. In case of contact with skin, wash with soap and water. In case of contact with eyes, rinse with water immediately. If the irritation does not stop, seek medical help. If swallowed, drink about 0,5 l of tepid water with 10 crushed charcoal tablets and seek medical help. Do not induce vomiting. Other details are described on safety data sheet of the product.