

SANAKRYL® antikor EP/A

Serial number 0909/A

Two component water-soluble base epoxy-acrylate anticorrosion coating

Features:

SANAKRYL antikor EP/A is two component water soluble coating made from water acrylate dispersion and water-soluble hardener based on epoxy emulsion, special anticorrosive and colored pigments, fillers and special additives, which adjust features of the coating. It is specified by great adhesion, great corrosion and chemical resistance and by hardness of its surface.

Usage:

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

Technical data:

Dry matter	component A	min. 49 weight %
	component B	min. 65 weight %
Component mixing ratio		100 : 7 (weight parts)
Dry matter of thick mixture		min. 49 weight %
Volume matter of thick mixture		min. 40,0 volume %
Viscosity after mixing		min. 100 mPa.s (25 °C)
Density of the reinforced mixture		approx. 1,20 g/cm ³
Workability		12 hours
Drying	stage 1	1 hour
	stage 4	12 hours
Hardness after 24 hours		min. 20 %
Minimum temperature at application		10 °C
Content of volatile organic compounds:		
Category/subcategory of product		A/j
Max. volume of VOC in the product		80 g/l
		0,067 kg/kg
TOC		0,039 kg/kg

Consumption:

0,14–0,20 kg/m² (1 layer)

Color shade:

RAL 7035, other according to requirements of customer

Packaging:

5,35 kg (5 kg component A + 0,35 kg component B) plastic containers

Storage:

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

Surface preparation:

The coating **SANAKRYL antikor EP/A** can be applied only on prepared metal surface, perfectly degreased (**ETERNAL odmašťovač**), cleared of all non-adherent mechanical particles, corrosion and non-adherent old coatings.

Application:

Component A and B are mixed together slowly in ratio 100 : 7 of weight parts for 5 minutes. After the proper mixing (drill with a stirrer is recommended), **SANAKRYL antikor EP/A** should rest for 10 minutes, then mixed briefly again, diluted to suitable consistency (max. 10 weight % of water) and can be applied. **SANAKRYL antikor EP/A** 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 while applying and drying of coating is 10 °C. If needed, the coating can be additionally dried at temperatures 30–60 °C. Used tools must be washed with water immediately after the usage.

Warning:

After the coating is past the time of workability, it 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 classified as toxic for the environment. It contains zinc phosphate and zinc oxide. Toxic to aquatic life with long lasting effects. It contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol [ES: 204-809-1]. May cause an allergic reaction. Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with the relevant national legislation. The product is treated article, it contains biocidal products. It contains reaction mixture CMIT/MIT (3:1) [Index number: 613-167-00-5]. 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 dangerous. It contains epoxy resin based on bisphenol A and epichlorohydrin, branched nonylphenol, ethoxylated and epoxy resin based on bisphenol F. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. It contains an epoxy components. May cause an allergic reaction. Keep out of reach of children. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Collect spillage. IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water. Dispose of contents/container in accordance with the relevant national legislation. 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.