

# SANAKRYL® antikor AK/ML

Serial number 0907

## ***Water-soluble base anticorrosive coating***

### ***Features:***

**SANAKRYL antikor AK/ML** is specially modified version of **SANAKRYL antikor AK** suitable for industrial usage. **SANAKRYL antikor AK/ML** is one component water-soluble coating based on alkyd emulsion modified by acrylate, special anticorrosive pigments, fillers and additives. **SANAKRYL antikor AK/ML** is specified by very good adhesion to metal surfaces, fast drying and very good anticorrosive features.

### ***Usage:***

**SANAKRYL antikor AK/ML** is used especially for base coatings of various kinds of metal surfaces (also cast iron) in industrial processing. It can be overcoated by common types of top coatings (emails).

### ***Technical data:***

Dry matter		min. 52 weight %, min. 42 volume %
pH		8,0–10,0
Consistency (F4)		90–240 s (standard)
Thickness		approx. 1,34 g/cm <sup>3</sup>
Adhesion (grille)		0/0
Hardness:	1 day	10 %
	10 days	25 %
Drying:	stage 1	40 minutes
	stage 5	24 hours
Corrosion resistance	300 hours salt-mist:	no peeling and corrosion, corrosion in cut 1–2 mm
Chemical resistance	ČSN EN ISO 2812-1:	resistance to most kinds of oils and cutting liquids, although additional test recommended
Category/subcategory of product		A/i
Max. volume of VOC in the product		60 g/l
TOC		0,045 kg/kg
		0,026 kg/kg

### ***Consumption:***

Consumption (thickness 25 µm):	80 g/m <sup>2</sup>
Recommended thickness DFT (dry film):	20–65 µm
	i.e. 0,064–0,208 kg/m <sup>2</sup> (1 layer)

### ***Color shade:***

Red-brown, gray, other according to requirements of customer

### ***Packaging:***

Returnable metal containers (approx. 800 kg), other according to requirements of customer

**Storage:**

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

**Surface preparation:**

Metal surface must be rid of all impurities, non-adherent old coatings, corrosion and perfectly degreased (**ETERNAL odmašťovač**, or other suitable detergent followed by rinsing with water). The coating is applied in surroundings from 5 °C to 30 °C.

**Application:**

**SANAKRYL antikor AK/ML** is intended especially for industrial usage. Its rheological features are suitable for application by dipping or spraying (air or airless), but it can be applied also by roller or brush.

**Viscosity can be adjusted according to requirements of customer.**

According to application technique the coating must be diluted:

- |                      |   |
|----------------------|---|
| 1. Dipping:          | 25–50 s (FC4), diluted with 4–15 % of water |
| 2. Air spraying:     | 25–35 s (FC4), diluted with 5–15 % of water |
| 3. Brush, roller:    | diluted with 0–5 % of water                 |
| 4. Airless spraying: | original viscosity                          |

The coating can be additionally dried (30–60 °C) if faster drying is needed.

**Certification:**

TZÚS Praha Authorized person number 204

**Waste disposal:**

Described on safety data sheet of the product.

**Safety and hygiene at work:**

**SANAKRYL antikor AK/ML** is classified as toxic for the environment. It contains zinc phosphate and zinc oxide. Toxic to aquatic life with long lasting effects. 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 agent. 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.