

# SANAKRYL® antikor AK/MO

Serial number 0907

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

### ***Features:***

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

### ***Usage:***

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

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

|  |                     |  |
|--|---------------------|--|
| Dry matter                                   |                     | min. 52 weight %, min. 40 volume %   |
| pH   |                     | 8,0–10,0   |
| Consistency (F4)                             |                     | min. 45 s  |
| 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                         | 96 hours salt mist: | no peeling and corrosion, corrosion in cut 1–2 mm  |
| Chemical resistance                          | ČSN EN ISO 2812-1:  | resistant towards most kinds of oils and cutting liquids, however additional test is recommended |
| Content of volatile organic compounds (VOC): |                     |  |
| Category/subcategory of product              |                     | A/i  |
| Max. volume of VOC in product                |                     | 15,2 g/l   |
|  |                     | 0,012 kg/kg  |
| TOC  |                     | 0,0085 kg/kg   |

### ***Consumption:***

|                                       |                     |
|---------------------------------------|---------------------|
| Consumption (thickness 25 µm):        | 80 g/m <sup>2</sup> |
| Recommended thickness DFT (dry film): | 20–65 µm            |

### ***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 containers from 5 °C to 25 °C. It must not freeze!

**Surface preparation:**

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

**Application:**

**SANAKRYL antikor AK/MO** is intended especially 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 (F4), diluted with 4–15 % of water
2. Air spraying: 25–35 s (F4), 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/MO** is classified as harmful for the environment. It contains zinc phosphate and zinc oxide. It is toxic for water organisms with long-term effects. Prevent any release into the environment. Contain any leaked product. Dispose of product/container by incineration in an incinerator or on landfill for hazardous waste. The product is treated, it contains biocidal agent. It contains reaction mixture CMIT/MIT (3:1) [Index number: 613-167-00-5]. It can cause 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.