

# SANAKRYL® antikor AY/PR

Serial number 0908

## *Water-soluble base anticorrosive coating*

### **Features:**

**SANAKRYL antikor AY/PR** is specially modified version of **SANAKRYL antikor AY** suitable for industrial usage. **SANAKRYL antikor AY/PR** is one component water-soluble coating based on acrylate dispersion, special anticorrosive pigments, fillers and additives. **SANAKRYL antikor AY/PR** is specified by very good adhesion to metal surfaces, fast drying and hardening and perfect anticorrosive features (salt mist, water condensation).

### **Usage:**

**SANAKRYL antikor AY/PR** is suitable for anticorrosive protection of various kinds of metal surfaces (steel, cast iron, aluminum, galvanized sheet metal). For the purposes of top coating, **SANAKRYL mat PROFI**, **SANAKRYL lesk PROFI** or **SANAKRYL antikor 1S** can be used.

### **Technical data:**

|  |                                     |  |
|--|-------------------------------------|--|
| Dry matter                                   |                                     | min. 53weight %, min. 40 volume %          |
| pH   |                                     | 8,0–10,0                                   |
| Consistency (F4)                             |                                     | min. 35 s                                  |
| Density                                      |                                     | approx. 1,2–1,3 g/cm <sup>3</sup>          |
| Adhesion (grille)                            |                                     | 0/0  |
| Hardness:                                    | 1 day                               | 8 %  |
| Drying:                                      | stage 1                             | 40 minutes                                 |
|  | stage 5                             | 4 hours                                    |
| Corrosion resistance                         | 240 h salt mist                     | no peeling and corrosion, corrosion in cut |
|  | 1-2 mm                              |  |
|  | (ISO 7253)                          |  |
|  | 480 h condensation chamber          | no peeling and corrosion,                  |
|  | corrosion in cut 1-2 mm (ISO 6270): |  |
| Content of volatile organic compounds (VOC): |                                     |  |
| Category/subcategory of product              |                                     | A/i  |
| Max. volume of VOC in product                |                                     | 37 g/l                                     |
|  |                                     | 0,031 kg/kg                                |
| TOC  |                                     | 0,019 kg/kg                                |
| <b>Consumption:</b>                          |                                     |  |
| Consumption (thickness 25 µm):               |                                     | approx. 70 g/m <sup>2</sup>                |
| Recommended thickness DFT (dry film):        |                                     | 25–65 µm                                   |

### **Color shade:**

Black, 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 rid of all impurities, non-adherent old coatings, corrosion and perfectly degreased (**ETERNAL odmašťovač**, or other suitable detergent). The coating is applied in surroundings from 10 °C to 30 °C.

**Application:**

**SANAKRYL antikor AY/PR** 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 (F4), diluted with 0–5 % of water
2. Air spraying: 25–40 s (F4), diluted with 2–5 % of water
3. Brush, roller: diluted with 0–2 % of water
4. Airless spraying: original viscosity

The coating can be additionally dried (30–50 °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 AY/PR** is classified as dangerous for the environment. It contains zinc phosphate. 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.