

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. 53 weight %, min. 40 volume %
pH		8,0–10,0
Consistency (F4)		min. 35 s
Thickness		approx. 1,2–1,3 g/cm ³
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		0,018 kg/kg

Consumption:

Consumption (thickness 25 µm):	approx. 70 g/m ²
Recommended thickness DFT (dry film):	25–65 µm
	i.e. 0,056–0,182 kg/m ² (1 layer)

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 followed by a water rinse). 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 (FC4), diluted with 0–5 % of water
2. Air spraying: 25–40 s (FC4), 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 harmful for the environment. It contains zinc phosphate. Harmful to aquatic life with long lasting effects. Avoid release to the environment. 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.