

SANAKRYL® antikor AK/MS

Seral number 0907

Water-soluble base anticorrosive coating

Features:

SANAKRYL antikor AK/MS is specially modified version of **SANAKRYL antikor AK** suitable for industrial usage. **SANAKRYL antikor AK/MS** is one component water-soluble coating based on alkyd emulsion modified by styrene-butadiene, special anticorrosive pigments, fillers and additives. **SANAKRYL antikor AK/MS** is specified by very good adhesion to metal surfaces (especially cast iron), fast drying and great anticorrosive features.

Usage:

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

Technical data:

Dry matter		min. 55 weight %, min. 40 volume %
pH		8,0–10,0
Consistency (F4)		80–120 s (standard)
Thickness		approx. 1,3 g/cm ³
Adhesion (grille)		0/0
Hardness:	1 day	18 %
	10 days	28 %
Drying:	stage 1	40 minutes
	stage 5	60 minutes
Corrosion resistance	360 hours salt-mist:	no peeling and corrosion, corrosion in cut
	1-2 mm	
Chemical resistance	ČSN EN ISO 2812-1:	resistant to most kinds of oils and cutting liquids, although additional test is recommended
Content of volatile organic compounds (VOC):		
Category/subcategory of product		A/i
Max. volume of VOC in product		99 g/l
		0,077 kg/kg
TOC		0,035 kg/kg

Consumption:

Consumption (thickness 25 µm):	80 g/m ²
Recommended thickness DFT (dry film):	20–65 µm

Color shade:

RAL 8012, RAL 7035, RAL 7040, 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). The coating is applied in surroundings from 5 °C to 30 °C.

Application:

SANAKRYL antikor AK/MS 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 2–10 % of water
2. Air spraying: 25–35 s (F4), diluted with 4–10 % of water
3. Brush, roller: diluted with 0–5 % of water
4. Airless spraying: original viscosity

The coating can be additionally dried (30–90 °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/MS is classified as toxic 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.