

SANAKRYL® antikor AK/MLS

Serial number 0907

Water-soluble base anticorrosive coating

Features:

SANAKRYL antikor AK/MLS is specially modified version of product **SANAKRYL antikor AK** made especially for industrial usage. **SANAKRYL antikor AK/MLS** is one component water-soluble coating based on alkyd emulsion modified by epoxy ester and acrylate, special anticorrosive pigments, fillers and additives. **SANAKRYL antikor AK/MLS** is specified by very good adhesion to metal surfaces (even light metals), fast drying and great anticorrosive features.

Usage:

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

Technical data:

Dry matter		min. 52 weight %, min. 38 volume %
pH		8,0–10,0
Consistency (F4)		80–120 s (standard application)
Thickness		approximately 1,3 g/cm ³
Adhesion (grille)		0/0
Hardness:	1 day	20 %
	10 days	27 %
Drying:	stage 1	30 minutes
	stage 5	60 minutes
Corrosion resistance	240 hours salt-mist:	no peeling or corrosion, corrosion in cut 1–2 mm
Chemical resistance	ČSN EN ISO 2812-1:	resistant to most kinds of oil and cutting liquids, although additional test is recommended
Volume of volatile organic compounds (VOC):		
Category/subcategory of product		A/i
Max. volume of VOC in the product		28,6 g/l
		0,022 kg/kg
TOC		0,013 kg/kg

Consumption:

Consumption (thickness 40 µm):	approx. 140 g/m ²
Recommended thickness DFT (dry film):	40–65 µm
	i.e. 0,14–0,23 kg/m ² (1 layer)

Color shade:

RAL 8012, RAL 7035, RAL 7040, other according to requirements of customer.

Packaging:

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

Storage:

In original unopened boxes 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 rinsing with water). The coating is applied in surroundings from 5 °C to 30 °C.

Application:

SANAKRYL antikor AK/MLS is applied mainly by air or airless spraying, but also by roller or brush.

Viscosity can be adjusted according to requirements of customer.

According to application technique the coating needs to be diluted:

1. Air spraying: 25–35 s (FC4), diluted with 4–10 % of water
2. brush, roller: diluted with 0–8 % of water
3. airless spraying: original viscosity

The film can be additionally dried (temperature 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/MLS is classified as toxic for the environment. 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. When 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 immediately with water. If the irritation does not stop, seek medical help. If swallowed, drink approximately 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.