

## Paint for concrete floors AK-11

### Specification

It is weather resistant. It has a perfect adhesion. It creates very hard coating, which resists strikes and mechanical loading. It provides reliable protection to industrial floors with intensive exploitation loading. It creates a coating, which resists the effect of detergents, water, salts and oily products. Does not withstand the impact of gasoline and diesel fuel. It dries quickly.



### Sphere of application

It is intended for mineral (concrete, cement, fiber cement, brick) and reinforced concrete surfaces, which are meant to be under intensive mechanical loading indoors and outdoors. It can be applied as an initial and renovating coating of concrete floors, especially for industrial purposes (workshops, stores, trade spaces, garages, etc.), parking, reinforced concrete industrial constructions. It is also intended for road marking.

### Technical data

Consumption standard of 1 layer	140-180 g/m <sup>2</sup> , depending on the way of application and type of surface.
Thinner	Universal thinner TM Maxima, 10% maximum of the total paint weight. ATTENTION! Do not use white-spirit, solvent or others similar products.
Application	Apply with a brush, a roller or a spraying gun.
Drying period (23 °C, 50% RH)	1 hour. Drying period increases if the temperature is getting down and relative air humidity is getting higher.
Solids content (DSTU ISO 3251)	> 65 %
Density (DSTU ISO 2811-1)	1,33 – 1,37 g/cm <sup>3</sup>
Hardness (DSTU ISO 1522)	> 40 sec, Konig pendulum.
Non-volatile matter by volume (DSTU ISO 3233)	51±2 %
VOC content (ISO 11890)	≈ 449 g/l
Warranty period	18 months from the date of manufacturing.
Packaging	2,8 kg, 12 kg
Color	white, light-grey, grey.
Gloss	matt.

### Composition

Acrylic resin, pigments, extenders, thinner, additives.

## Application instruction

### 1 Preliminary preparation

It is recommended to dry and clean thoroughly the surface of loose coats, dust, chalk and lime chalk, oily, grease and other dirt.

The surfaces, previously coated with alkyd products, shall be completely cleaned of paint products in a mechanical (a scraper, a wire brush), thermal (a hot air drier, infrared radiation) or chemical (paint removing products) ways. The dust shall be removed.

New concrete surfaces shall be coated only after a month.



## 2 Priming

The surfaces, previously coated with solvent-borne acrylic paints, need no advanced undercoating.

Use for undercoating the paint for concrete floors AK-11 TM "Farbex", diluted to 10-20% with universal thinner TM Maxima.

## 3 Application

Stir the paint thoroughly before use. Dilute it with thinner if necessary.

Apply the product in 1-2 coats. A subsequent coat shall be applied in 1 hour.

It is recommended to use the product of one batch applying the finishing layer on the surface to avoid deviation in color shades. If you use products of different batches it is necessary to mix them.

Perform application at the temperature of the paint, air and the surface from + 5 °C till + 30 °C and relative air humidity of less than 80%. Do not apply the product under direct sunlight in a windy or wet weather.

The coating hardens and achieves its properties in a week after application.

## 4 Tool cleaning

Clean tools with a thinner and then with warm water with detergents if necessary.

## SAFETY

Keep away from fire! Store in tightly closed original containers at the temperature from -20 °C till + 40 °C. Keep out from moisture and direct sunlight distantly from food in the places out of reach of children. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). Well-arranged ventilation shall be provided during application and 48 hours after works if it is indoors. If skin contact, wash thoroughly with water and soap. If eye contact, rinse with plenty of running water. Consult a doctor if necessary. VOC content: cat. A/i (SB): < 500 g/l. Actual VOC content ≤ 450 g/l. It doesn't contain lead and lead compounds. More detailed information you can read in the safety data sheet. The product has a sanitary-epidemical conclusion of the state expertise.

## ENVIRONMENTAL PROTECTION

Do not empty into drains, ponds and in soil! Liquid rests shall be delivered to the waste drop-off point. Rests of dry products and empty containers shall be recycled as common construction waste, in accordance with the Law.

The authenticity of this information is based on laboratory tests and practical knowledge. The quality of the product completely corresponds to the demands of TU U 20.3-32318370-018:2020. As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. Applicability of the product for specific purposes shall be defined entirely by the consumer. Current information loses validity with the issue of a new edition.

