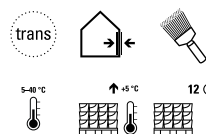


Technological instruction No. 07-005

AK

Catalogue No.: 642000

The cover varnish AK is water soluble painting material.



CHARACTERISTICS

Application	It is determined as a reinforcing top coat for mosaic renders, further for impregnating of absorbent silicate surfaces (for example concrete, stone, brick, render).
Characteristics	On surface of the said materials it forms a polished transparent layer that protects the surface against climatic influences. It can be used in interior and exterior. It is not suitable for floor painting. It is produced in one quality class in transparent tint.
Appearance	Made in one quality class in transparent shade.

SUBSTRATE

Requirements	The base must be firm and consistent, cleaned from dust, grease spots and all impurities that could reduce the varnish adhesive capacity to the base. Mineral bases, namely renders and concrete must be matured. Inconsistent base must be conveniently removed, for example by wiping or blowing with compressed air.
Preparation of the material	It is necessary to remove any loose particles from the foundation, e.g. by brushing or blowing them off with compressed air. Metal parts need to be treated with an anti-corrosive coating.

APPLICATION

Climatic conditions during application	Working temperature range is +5 °C to +40 °C including base coat. Works cannot be performed in the rain, when the temperature is below zero and in a strong wind.
Preparation of the material	Working concentration of the cover varnish AK is obtained by thinning and short manual mixing of 5 volume parts of the coat with 0 to 1 volume part of drinking water.
Consumption	(kg/m ²) Cover varnish AK: 0.06-0.18; consumption depends on the basis and way of coating
Spreading capacity	125 m ² / bucket (15 kg) according to the base
Application	The cover varnish AK is applied by brush, roll or eventually by spraying. All the tools must be kept clean by washing with water during the work. Adjacent surfaces (windows, doors, banisters, switchgear boxes etc) must be protected against pollution by a suitable tapes, foil etc. Any polluted area must be cleaned in time because removal of dried material is difficult.
Cleaning tools	Immediately after use clean with water.

DELIVERY

Colour hue	transparent, glossy
Tintable	The product cannot be tinted.
Packing	The product is packed into plastic buckets with a handle, weight 5 or 15 kg.

STORAGE

Storage	When storing in the tightly closed original packaging, the warranty period is 12 months since the production date. Protect the product against frost and do not store it at sunlit places.
Storage period	12 months from the production date

Ecology

Liquidation of not used remains is done by watering and depositing of the hardened inert substance as a building waste. Used packaging is liquidated as composite waste according to the valid legislation.

IDENTIFICATION

Product group cover varnish

Composition polymer binders with modifying additives

Safety Not mentioned anymore. Hazard determining components: It is not a dangerous product. Additional information: Contains 5-chloro-2-methyl-2H-isothiazol-3-one a 2-methyl-2H-isothiazol-3-one, 1,2-Benzisothiazolin-3(2H)-on, 2-methylisothiazol-3(2H)-on. May produce an allergic reaction. VOC: Product category A, product subcategories e. The maximum permissible limit VOC content in the product ready to use is 130 g/l mass. Maximum VOC content in the product ready to use is 1.21 g/l mass.

SPECIAL INFORMATION

Regarding orders, transport, handling and storing, general sales conditions are applicable. Usage of the product is described in relevant technological sheet. Respect safety sheet instructions. The prescription is available at authorized dealers and on the address **www.stomix.com**.

The information provided takes in account the current status of the technology. We give general instructions based on our experience with application and results of the material tests. However, the information provided can't take into account the local conditions during the application, therefore, it can't be legally binding. In case of doubts or need to solve specific technical problems, please contact us.

	STOMIX, spol. s r. o. 790 65 Skorošice 197 Czech Republic ID: 48400874	
	08	10-002-03
EN 1504-2:2006 Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 2: Surface protection systems for concrete		
Linear shrinkage:	NPD	
Compressive strength:	NPD	
Coefficient of thermal expansion:	NPD	
Abrasion resistance:	NPD	
Grid test adhesion:	NPD	
Rate of water penetration in liquid phase:	< 0.1 kg/(m ² .h ^{0.5})	
Thermal compatibility:	NPD	
Thermal shock resistance:	NPD	
Crack bridging ability:	NPD	
Impact resistance:	Class 1	
Tear test consistency:	≥ 0.8 MPa	
Reaction to fire:	A2-s1,d0	
Skid resistance:	NPD	
Artificial aging:	NPD	
Antistatic behaviour:	NPD	
Adhesion to wet concrete:	NPD	
Hazardous Substances:	Meets 5.4	



WWW link