

TECHNICAL DATA SHEET

«MIKS color» UNIVERSAL RUBBER PAINT

MAIN CHARACTERISTICS

Universal rubber paint – a water-dispersion coating based on acrylic polymers:

- ✓ matte;
- ✓ increased resistance to atmospheric influences, mechanical stress, ultraviolet radiation and temperature changes;
- ✓ resistant to intensive washing (class 1 EN 13300);
- ✓ highly elastic, with good adhesion to many surfaces;
- ✓ vapor-permeable, resistant to cracking, has low water permeability EN 1062);
- ✓ easy to apply and dries quickly;

PURPOSE

For protective and decorative painting of slate, tiles, galvanized steel, aluminum, primed ferrous metal, corrugated iron, concrete, foam and aerated concrete, brick, plastered, putty surfaces, plywood, chipboard, DSP, fiberboard, wooden, plasterboard surfaces, etc. The paint can be applied to surfaces that were previously painted with alkyd and oil paints For interior and exterior work.

RELATED COMPONENTS

Thinner: Water

TECHNICAL SPECIFICATIONS

Type	Acrylic	
Density	(1,2-1,4) g/cm ³	
Appearance of the dried coating	Uniform, smooth surface	
Composition	High-quality aqueous dispersion of an acrylic copolymer, mineral fillers, pigments, functional additives	
Color	White, black, cherry, red-brown, green, grey, dark grey, chocolate-brown	
Gloss level at 85° angle,	Matt ≤ 10	G ₃
Dry film thickness	100-200 μm	E ₃
Particle size	< 30	S ₁
Water vapor permeability	30-100 g/(m ² . day)	V ₂
Water absorption	≤ 0,1 kg/(m ² . h ^{0,5})	W ₃
Wet scrub resistance	Class 1	
Consumption (surface coverage per one coat)	6-10 m ² /kg for a single layer, depending on the color, application method and surface type	
Drying time of each coat: not more than	3 hours (at a temperature of 20°C and relative air humidity not exceeding 65%)	
Drying time may be extended at lower temperatures and higher relative humidity.		
Recommended Number of Coats	2–3 coats	
Packaging	1.2 kg; 3.5 kg; 6 kg; 12 kg	

SURFACE PREPARATION

Type of Surface	Surface Preparation	Priming
Mineral surfaces	Mineral substrates must be strong and free from loose or brittle areas. The surface must be cleaned of chalk and lime-based whitewash, grease, oil and other contaminants, as well as dust (including dust remaining after sanding plasters or fillers), old paint coatings and wallpaper that adhere poorly to the substrate, polymer adhesives, and residues or projections of construction mortars or composites. Plaster, filler, or adhesive layers must be completely dry and suitable for coating with water-dispersion materials. Thoroughly remove all contaminants: – Efflorescence should be removed mechanically. – Areas affected by mold or fungi must be removed: first mechanically, then treated with an antiseptic for mineral surfaces (TM "MIKS color"). Level any irregularities with filler. After filling, the surface must be sanded and thoroughly dusted off.	Unpainted mineral surfaces should be treated with the deep-penetration primer TM "MIKS color".
Black Metal	The metal surface must be dry, clean, and free from traces of oil, corrosion, and other contaminants. Surface preparation by abrasive blasting to Sa 2.5 or by mechanical treatment (grinding) to St 3 according to DSTU ISO 8501 is recommended.	Before painting, black metal should be primed with an anticorrosive primer TM "MIKS color".
Corrugated sheet, galvanized metal, aluminum	The surfaces must be thoroughly cleaned. Rust should be removed mechanically (if there is extensive corrosion, it is recommended to replace the affected sheets). Grease contamination is best removed using an alkaline solution, for example, a dishwashing detergent solution. Other contaminants should be removed mechanically. After cleaning, wash the surface thoroughly with clean water, preferably under pressure. The surface must then be allowed to dry completely. If the corrugated sheet has been coated with special composite materials or powder coatings, it should be cleaned of contaminants, and any poorly adhering fragments of the old coating should be removed (complete removal of such coatings is not required). If the corrugated sheet has been coated with alkyd or water-dispersion paints, these coatings must be removed completely.	Before painting, galvanized metal is recommended to be primed with an anticorrosive primer TM "MIKS color". If the corrugated sheet is coated with special composite materials or powder coatings, priming is not required in this case.
Slate, roof tiles	Before painting, the surface must be thoroughly prepared by cleaning it manually, mechanically, or using high-pressure washing. It is also necessary to ensure that any repair materials used are suitable for coating with water-dispersion paints. In cases of heavy contamination (moss, lichen, fungi, etc.), it is recommended to remove all biological growth and treat the surface with a universal concentrated antiseptic TM "Miks Color" prior to painting. After treatment, the surface must be thoroughly dried.	As the first layer, it is recommended to apply a preparatory thin coat of paint to bind fine particles and residual dust on the surface (the paint may be diluted by no more than 10%).
Plywood, fibreboard, chipboard, cement-bonded particle board, OSB, wood	The surface must be dry and thoroughly cleaned down to a sound substrate, free from dust, dirt, mold, oil and other contaminants, as well as any loose or flaking paint coatings. Wooden surfaces should be sanded manually or mechanically, and sanding dust must be removed. If resin appears on the wood surface, it should be mechanically removed (using a scraper or putty knife). In cases where the wood is affected by blue stain, mold, or fungi, the contaminated areas must be removed: first mechanically, and then the wood should be treated with an alkyd antiseptic for wood TM "MIKS color." The moisture content of the wood before painting must not exceed 20%.	No priming is required; treatment with an antiseptic alone is sufficient.
Surfaces previously coated with alkyd or water-dispersion paints	Surfaces previously painted with alkyd paints should be sanded until a matt finish is achieved, then washed with a mild detergent solution, thoroughly rinsed with water, and allowed to dry completely. Surfaces previously coated with water-dispersion paints are recommended to be lightly sanded and dust-free prior to repainting.	No priming is required.

PAINT PREPARATION

Mix thoroughly before use and mix occasionally during application

APPLICATION CONDITIONS

Minimum application temperature: 0 °C.

Relative air humidity: 60–85%.

The temperature of the surface to be painted must be at least 3 °C above the dew point.

Lower temperatures and higher humidity levels increase the drying time of the coating.

APPLICATION INSTRUCTIONS

Before use, mix the material thoroughly and, if necessary, dilute with water.



AIRLESS SPRAY APPLICATION

Dilution (water addition): up to 10% by weight
Nozzle size: 0,33 - 0,48 mm
Outlet pressure: 12 - 18 MPa



AIR SPRAY (PNEUMATIC) APPLICATION

Dilution (water addition): up to 15% by weight
Nozzle size: 1,5-1,8 mm
Outlet pressure: 0,3 – 0,4 MPa



BRUSH / ROLLER APPLICATION

Dilution (water addition): up to 5% by weight

Note:

The percentage of water addition should be adjusted depending on the viscosity and temperature of the coating material, application conditions, and the parameters of the application equipment.

TOOL CLEANING

Remove any paint residue from the tools before it dries, then rinse with water (using a detergent if necessary).

STORAGE

Paint should be stored in a tightly closed factory container at a temperature of 5°C to 35°C. Keep out of reach of children. Protect from sunlight. Keep away from heat, hot surfaces.

Warranty period of storage: 18 months from the date of production.

DISPOSAL

Do not spill liquid residues into drains, ponds or soil. After use, empty containers should be tightly closed and sent to a waste collection site.

SAFETY RECOMMENDATIONS

The paint is fire-safe.

During application and after completion of painting works, ensure thorough ventilation of the premises. Use respiratory and hand protection (rubber gloves, respirator when spraying).

Complies with the requirements of:

- Technical Regulation on limiting the use of lead in paints, coatings, and raw materials (the paint does not contain toxic lead compounds).
- Technical Regulation on limiting VOC emissions (A: subcategory 9(i), type (WB), Stage II, limit 140 g/L; the ready-to-use paint contains no more than 2,1 g/L).

Refer to the Material Safety Data Sheet (MSDS) and product label.

NOTES

A quality certificate is issued for each batch of the paint.

This information is based on the expertise of our specialists, obtained through laboratory research and practical experience. We do not accept responsibility for the use of our products outside our control and guarantee only the quality of the material itself. We reserve the right to make changes without prior notice to customers.

The quality system complies with the DSTU EN ISO 9001 standard.