

High-quality WB acrylic interior paint "Interior"

Specification

Paint with high coverage. It is resistant to repeated washing (resistance to wet abrasion - class 2 acc. to DSTU EN 13300). It creates a matt finishing coat that completely allows walls to breathe. It is characterized by excellent adhesion to the base surface. It is easy to apply. It doesn't run and doesn't spray during application.



Sphere of application

It is intended for interior coating of all mineral (plaster, stucco, brick, concrete), gypsum and wooden surfaces, wallpaper and fiberglass. It is recommended for initial and renovation coating of walls and ceilings in dry and wet premises with high exploitation load: living rooms, offices, medical and educational establishments, premises of catering and industrial enterprises.

Technical data

| | | | |
|---------------------------------|---|--|--|
| Consumption standard of 1 layer | 115-140 g/m ² . Depending on the way of application and the type of surface. | The degree of milling (SSU ISO 1524) | maximum 30 micron, (fine-grained, DSTU EN 13300) |
| Thinner | Water. Dilution of the product up to 10% of the total weight is allowed. | Contrast ratio of dry film (ISO 6504-3) | 98 - 99 %, 2 class of hiding power (acc. to DSTU EN 13300) |
| Application | It is applied with a roller, a brush or a spraying gun. | Wet-scrub resistance, microns (DSTU ISO 11998) | less than 20 (after 200 erase cycles) |
| Drying period (23 °C, 50% RH) | maximum 1 hour. The drying period increases if the temperature falls and relative air humidity increases. It depends on the consumption of paint (thickness of the coat). | Wet-scrub resistance class (DSTU EN 13300) | 2 |
| Color base | A, B, C, TR. It is shaded according to NCS color range. | Warranty period | 24 months |
| Solids content (DSTU ISO 3251) | 60±2 % (base A), 54±2 % (base B, C), 52±2 % (base TR). | Packaging | Base A - 1,4 kg, 4,2 kg, 7 kg, 14 kg Base B, C, TR - 1,2 kg, 3,6 kg, 6 kg, 12 kg, 18 kg |
| Density (DSTU ISO 2811-1) | ≈ 1,54 g/cm ³ (base A), ≈ 1,4 - 1,44 g/cm ³ (base B, C), ≈ 1,38 g/cm ³ (base TR). | Color | base B, base C, base TR, white (base A). |
| Gloss (DSTU ISO 2813) | maximum 5 GU at 85°, (dead matt, DSTU EN 13300) | Gloss | matt. |

Composition

Acrylic dispersion, pigments, water, extenders, additives.

Tinting

The product is manufactured in following bases:

Base A. It is intended for use as a white finishing coating or for tinting in pastel colors.

Base B. It is intended for tinting in colors of medium saturation.

База C. It is intended for tinting in saturated colors.

База TR. It is intended for tinting in saturated colors.

Bases TR, C and B cannot be used without tinting.

It is tinted manually using pigment concentrate Farbex Color, other water-based tinting pastes, or with tinting machines according to the color catalog NCS and others. If you tint with other products, tinting machines, or catalogs, you must take into account their suitability for exterior works, silicone products, and carry out test tinting and coating.



For saturated colors (yellow, black, pink, orange, green, or bright green), the base surface must be of one color. Otherwise, you might apply additional coats. To lessen the consumption of saturated color paint, the surface must be previously painted with base A (white or tinted in a similar pastel color paint).

We recommend using the product of the same batch (the paint and the colorant) for coating the surfaces to avoid differences in color shades. Use the product of the same batch for the surfaces that join each other. In case you use the product of different batches, it is necessary to mix them.

Carry out a test application on a small area to check that the color corresponds to the chosen one.

We do not recommend diluting the product for a finish coating.

After tinting, insignificant deviations of product technical data are possible.

A hint: When you choose a color, take into account the lighting in the premises. Cold or warm lighting will provide a different eye-perception of the same color.

Application instruction

The condition for receiving a desired result is following directions for using the paint product and preparing the surface.

1 Surface preparation

The surface is prepared according to DSTU-N B A.3.1-23:2013 and DSTU-N B B.2.6-212:2016.

The surface must be dry – the humidity of the surface on all stages of preparation and paint works must be less than 5% for cement and cement-sand surfaces and less than 1% for gypsum ones.

The surface must be clean from chalk and lime whitewashings, grease and oily stains, and other contaminations, efflorescence, dust (including abrasive dust after polishing plasters and stuccos), old paint products and wallpapers (which stick to the surface not secure), polymer adhesives, and runs of construction mortars or composites.

Mineral surfaces must be hard, without fragile parts or edges. The base materials like plaster, stucco, insulating or adhesive elements must be completely dry and be ready for priming and coating with acrylic water-based products.

Parts of the surface infected with mould or fungi must be removed: first mechanically and then treated with antiseptic for mineral surfaces TM Farbex.

Remove contaminations, infections, old coatings, or fragile parts with a wire brush, a spatula, a scratcher or with a polisher.

Correct appeared defects with Plaster TM Farbex (depending on the character of the defects).

Existing metal elements in the base surface or those that will be used after painting must be made of galvanized or stainless steel. When you use iron elements, they must be initially protected against corrosion with special primers or other products.

Check the compatibility of the products on a small area following technical recommendations or specialists' consultation before you use other products (an adhesive, an antiseptic, a plaster, etc.).

Follow the directions precisely (especially drying period and subsequent treatment) when further priming and painting construction mortars or products. For example, fresh cement plasters must not be treated for 28 days, fresh concrete - 3 months, the surfaces of insulating systems - 7 days.

2 Priming

To provide maximum exploitation resistance and better decorative effect, depending on the type of surface, prime the surface:

Wooden porous surfaces – acrylic wood-protective primer TM Maxima. Attention! The primer raises the wood fibers, which is why it is necessary to polish the surface after it and then paint.

Mineral surfaces – deep-penetrating acrylic primer TM Farbex.

Hard types of OSB, fiber boards, wood chip boards, wallpapers, and old hard paint coatings need no priming before coating.

It is necessary to follow recommendations for the priming of construction mortars or products. If necessary, call the specialists of POLYSAN.

3 Applying

Before applying the paint, make sure that the surface is dry enough after preparation.

The paint is ready to use. Stir the paint thoroughly before use. Filter it and dilute with water if necessary. Abnormal dilution spoils the quality of the coating!

Apply the paint in 1-2 coats. Apply a subsequent coat after 2 hours. Very porous, rough, or very contrasted surfaces may demand a bigger consumption. Precise consumption can be determined by a test application on a small area.

We recommend continuously applying in one direction with the same consumption. Carry out the application "from edge to edge (from corner to corner)" or within the limits of the decorative element without breaks. When you apply an application over a large area and/or over a long period, we recommend stirring the paint periodically. We do not recommend keeping the container with the paint open for a long period.

Carry out the application at the temperatures of the air and the surface from +5 °C to +35 °C and with relative air humidity less than 80% (the surface temperature must be 3 degrees above the dew point). Provide appropriate ventilation when applying and drying the enamel.



The coating obtains a complete hardness and resistance to mechanical load after 28 days.

High-quality interior paint Interior can be applied by following methods:

| Method of application | Quantity of diluent | Jet size | Pressure |
|-----------------------|---------------------|-----------------|--------------------------------|
| Airless spraying | 0 – 10 % | 0.019" - 0.023" | 15 - 18 MPa (≈ 150 - 180 bar) |
| Pneumatic spraying | 0 – 10 % | 2,0 – 2,5 mm | 0,4 – 0,5 MPa (≈ 4-5 bar) |
| A brush / a roller | 0 – 5 % | - | - |

The tools must be recommended for water-based products.

When you apply with a roller, we recommend using a cuvette for homogeneous wetting the tool. Attention! For smoother coating, we recommend using a roller with a shorter nap.

When you apply by a spraying method, follow the instructions for exploitation. Airless spraying is more preferable. The reason is that when you use pneumatic spraying, you have to dilute the product, and often diluting can be on the maximum recommended limit, which can occur, lessening the thickness of the coating and creating of runs.

For a quality coating, you must obtain painting skills, especially if use a professional instrument.

Compatibility with other coatings

Depending on the exploitation conditions, it can be used with different primers and finishing coatings. The examples are stated further. Call the specialists of POLYSAN to receive more detailed recommendations.

Previous coat – acrylic water-based products.

Subsequent coat – acrylic water-based products.

Compatibility of products is recommended for testing on a small area of the surface.

4 Tool cleaning

Clean tools with water after application. Do not let them dry. The dry product shall be removed from the tools in a mechanical way.

SAFETY

Do not mix with other products and (or) organic solvents! Keep in the places out of reach of children in tightly closed original containers at the temperature from +5 °C till +35 °C. Keep out of moisture, direct sunlight and frost. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). If application is indoors well-arranged ventilation shall be provided. 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/a (WB): < 30 g/l. Actual VOC content ≤ 15 g/l. More detailed information you can read in the safety data sheet. The product has a sanitary-epidemiological 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 24.3-32318370-001:2006. 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.

