Acrylic finishing filler



Specification

It creates a perfectly white and smooth surface. The coating thickness is 2 mm. It is easy to apply and grind. It is perfect to apply manually and with the help of special machinery. The putty has good adhesion to the base surface and vapor-permeable effect. It dries quickly. It is intended for interior works.

Sphere of application

It is ready for use snow-white finishing structure, which is intended for finishing of walls and ceilings before coating with paints or application of wall-papers and it is also used for making a connection between gypsum boards. It is applied on the plaster, putty, gypsum boards, lime-mortar and gypsum surfaces, fiberglass-based wallpaper, wood chipboards, MDF, OSB-boards, etc.

Technical data

Consumption standard of 1 layer	1,8 kg/м^2 if a coat thickness is 1 mm
Thinner	WaterAllowed dilution is maximum 5% of the total mass.
Application	Apply with a stainless steel spatula or a special sprayer.
Drying period (23 °C, 50% RH)	3 hours, if coat thickness is less than 1 mm. Drying period increases if the tempetarure falls and relative air humidity increases and depends on the consumption of the plaster (coat thickness)
Solids content (DSTU ISO 3251)	72±2 %
Density (DSTU ISO 2811-1)	≈ 1,78 g/cm^3
Particle size	max. 100 µm, (fine-grained, S_1, SSU EN 1062-1)
Resistance to washing	Cat. D, more than 300 µm, SSU EN 16566
Gloss (DSTU ISO 2813)	Less than 5, Class G3, matt
Water permeability (DSTU EN 1062-3)	less than 2,5 kg/(m2*ч0,5), class W1, high
Vapor permeability (EN ISO 7783-2)	more than 500 g/(m2*24 hours), class V1, high
Marking acc. to the DSTU EN 16566	$G_3\|S_1\|V_1\|W_1\|A_0\|C_0\|R_0$
Non-volatile matter by volume (DSTU ISO 3233)	50±2 %
Warranty period	18 months from the date of manufacturing (at the temperature from +5 °C till +35 °C)
Packaging	0,7 kg, 1,5 kg, 5 kg, 8 kg, 17 kg, 25 kg
Color	white.
Gloss	matt.

Composition

Acrylic latex, pigments, water, extenders, additives.

Tinting

It is tinted manually with a pigment concentrate Farbex Color, other tinting pastes, or in a tinting machine according to the NCS color ratio, etc. If you color with other products, tinting machines, or color rates, you must make a trial tinting and applying all products, including finishing ones. We do not recommend diluting tinted putty.

Minor deviations in the product's technical data are allowed after tinting.

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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 must be dry, thoroughly cleaned to a hard base surface from dust, dirt, mould, corrosion, polishing products, oily or other contaminants, and peeling paint coatings.

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

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.

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.

Remove carefully all contaminations: efflorescence must be removed mechanically; surfaces infected with mould and fungi must be removed: firstly by mechanical means and then treat the surface with antiseptics for mineral surfaces TM Farbex.

Metal elements on the surface must be made of zinc or stainless steel. If you use iron elements, they must be 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.).

2 Priming

Fragile, porous mineral base surfaces with high absorbing properties must be treated with deep-penetrating primer TM Farbex.

Hard base surfaces (concrete, gypsum boards, etc.) do not need the use of deep-penetrating primers. We recommend priming the surface together with the putty, after the putty has dried and been polished.

3 Puttying

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

Stir the putty thoroughly before use. Dilute with water if necessary. Abnormal dilution spoils the quality of the coating!

The thickness of one coat must be less than 2 mm. In case of wide hollows or big defects of the surface, apply a subsequent coat after the previous one is fully dry.

When you work on large areas and/or during a long period, you must mix the putty from time to time. We do not recommend keeping the container with the product open for a long period.

Apply the putty at the temperature of the air and the surface from + 5 °C until +35 °C and relative air humidity less than 80%.

Acryloc Finishing Putty can be applied by following methods:

Method of application	Quantity of diluent	Jet size	Pressure
Airless spraying	0 - 5 %	0.033" - 0.067"	15 - 18 MPa (≈ 150 - 180 bar)
Pneumatic spraying/hopper sprayer/plastering station	0 – 5 %	2 - 4 mm	0,3 – 0,5 MPa (≈ 3 - 5 bar)
Manual application – a spatula	Is not recommended	-	-

The tools must be recommended for water-based products.

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

After the coat is applied with a sprayer, remove excess putty and equalize the coat with a wide spatula.

For a quality coating, you must obtain painting skills, especially if you use a professional instrument. During façade works, we recommend using façade tents and scaffolding.

Polish and prime the surface before you apply finishing products (paint, decorative plasters, etc.). For mineral surfaces, use water-based primer TM Farbex according to the directions.

We recommend using metal fittings made of zinced metal or stainless steel after you have applied the putty. If you use iron elements, they must be previously cleaned from corrosion with special primers or other products.

All subsequent works must be carried out 24 hours after you applied the last coat of the putty.

Compatibility with other coatings

Depending on the conditions of exploitation, the putty can be used with various finishing coatings. The examples of compatibility are given below. For the more precise recommendations call the specialist of POLYSAN company.

A previous coat – we recommend applying the putty on a clean and prepared surface.

A subsequent coat – acrylic water-based products.

We recommend testing the compatibility of the products on a small area of the surface.

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4 Tool cleaning

Clean tools with water after application. Do not let them dry.

SAFETY

Do not mix with other products and (or) organic solvents! Keep in tightly closed original containers at the temperature from +5 °C till +35 °C. Keep out of moisture, direct sunlight, frost and out of reach of children. 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. Actual VOC content ≤ 50 g/l (not subject to TR). More detailed information you can read from 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 DSTU EN 16566 and TU U 24.3-32318370-013:2013. As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. The 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.

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