



P205c.rs



Smooth coating systems

01/2020

Knauf Biofinish Plus

Smooth coat for internal use

Product description

Factory-prepared lime-based smooth coat intended for internal use. For manual and machine application. Intended for final smoothing of wall and ceiling surfaces, plastered with lime-cement plasters.

Product composition

Lime, hydraulic binder, stone flour, workability additives.

Delivery package

Bag 25 kg Product number 636154

Storage

Store the bags on wooden pallets in a dry place.

Quality

The product is subject to permanent quality control and bears the CE mark. Use the material within 12 months from the date of production.

Application

Lime-based smooth coat intended for the final smoothing of wall and ceiling surfaces.

- Smooth coat for smoothing plastered walls and ceilings
- The surface treated with KnaufBiofinish is suitable for painting with dispersive paints.

Properties

- Plaster for indoor use according to EN 998-1
- Compressive strength classes CS I according to EN 998-1
- Fire resistance classes A2 - s1, d0
- For manual and machine application
- Granulations 0.1 mm
- Increased strength
- Vapor permeable
- Beige

P205c.rs Knauf Biofinish Plus

Smooth coat for internal use



Performance

Preparation works

The surface on which the smooth coat is applied must be dry, dusted, degreased, load-bearing, flat, without cracks and without residues that reduce the adhesion of the plaster

Surface preparation

Before applying the smooth coat, apply Knauf Finish Grund on the plastered surface. Application in everything according to the Knauf technical sheet.

Mixing materials

Manual application:

Mix the contents of the bag with approx. 10 liters of water and mix until the mass is homogenized. After that, leave the material to stand for 10 minutes, then mix again. Adjust the consistency, if necessary, by adding water or the contents of the bag. Clean the tool with water immediately after use.

Machine application:

Perform machine application with one of the following machines:

- PFT Ritmopowercoat, 230 or 400 V
- PFT Swing Airless

The optimal pressure of the machine as well as the appropriate nozzle is determined by a test on the construction site. Adjust the water so that a consistent material suitable for application is obtained.

Performance

Smooth coat is applied by hand, trowel or machine. Apply the material in at least two layers. Apply the first layer in a thickness of 1 mm and after approx. Apply the next layer of material for 5 hours. After complete drying, finish the surface by hand or machine with sandpaper. The maximum total thickness of the applied material is 3 mm.

Operating temperature

The material should not be applied at air and substrate temperatures below + 5° C and above 25° C. Protect freshly applied plaster from drafts, too fast drying and frost.

Special notes

Mix the material only with clean water and without adding additives. If the smoothing machine was used for other material before application, it is necessary to thoroughly clean all parts of the machine through which the material passes. The surface treated with KnaufBiofinish is suitable for painting with dispersive paints.

It is not recommended to stick wallpaper over the surface smoothed with Biofinish.

Safety instructions

See safety data sheet for safety notes

Technical data

	Value	Test norm
Flammability	A2 – s1, d0	EN 998-1
Granulation	0,1 mm	–
The compressive strength class	CS I	EN 1015-11
Adhesion strength	≥ 0,08 N/mm ²	EN 1015-12
Water vapor diffusion resistance coefficient μ :	≤ 25	EN 1015-19
Thermal conductivity coefficient λ_{10} , dry		EN 1745
P = 50 %	≤ 0,82 W/(m·K)	
P = 90 %	≤ 0,89 W/(m·K)	

Technical data in this table are determined according to the valid standards. Due to the conditions on the construction site, minor deviations are possible.

Production program

Biofinish Plus	Packaging	pcs/pallets	Product number	EAN code
Bag	25 kg	45 bags/pallets	636154	8606108939369

Consumption

	Application thickness mm	Consumption kg / m ²	Expected result	
			m ² /bag	m ² /ton
Application thickness	1	ca. 1.0	ca. 25.0	ca. 1000.0
	2	ca. 2.0	ca. 12.5	ca. 500.0



Pay attention to the safety data sheet! Safety data sheet and CE mark see at www.knauf.rs

All consumption data are approximate and may vary depending on the surface on which the material is applied. Determine the exact consumption on the construction site.

▶ Tel.: +381 11 2074 500

▶ info@knauf.rs

▶ www.knauf.rs

Knauf Zemun d.o.o. Batajnički drum 16 b, 11080 Zemun

We reserve the right to make technical changes. The latest edition is always valid. The above data correspond to our current technical knowledge. Generally recognized rules of construction techniques, norms and guidelines must be followed by the contractor. Our guarantee applies only to the impeccable quality of our products. Data on consumption, quantity and mode of operation are empirical data and cannot be used in practice in case of deviations. We reserve all rights. All modifications, reprints and photomechanical reproductions, in whole or in part, require the express consent of the manufacturer.

P205c.rs/02.19/0/TL

Structural, static and structural physics features can only be ensured by using Knauf system components or products recommended by Knauf.