

HIDROFAS GRUND

“Structured” substrate which provides homogenised and hardened surface before applying the finishing decorative render

FIELD OF APPLICATION

Hidrofaz Grund is a structured substrate aimed to provide homogenized and hardened surface over which finishing decorative render Hidrofaz (1mm; 1.5mm; 2mm), Hidrofaz Z, Adingfas (1mm; 1.5mm; 2mm) and Adingfas Z is applied. Hidrofaz Grund is used for processing cement and extended application time mortar substrates, concrete surfaces, and surfaces skimmed with skim coating compounds.

PROPERTIES

- One-component polymer-based coating;
- Possibility of toning in the same colour as the decorative render;
- Stabilizes and provides roughness of the substrate;
- Improved adhesion;
- Easy to prepare and apply;
- Vapour permeability;
- Eco-friendly.

TECHNICAL FEATURES

PROPERTIES	METHOD	DECLARED VALUE
Appearance	-	Coloured paste-like compound
Density	EN ISO 2811-1	1.57-1.63 g/cm ³
Filler size	-	<0.30 mm
Substrate adhesion 28 days following application	EN ISO 4624	≥ 1.0 MPa
Curing time at +20°C, relative air humidity 50-60 %	-	12 h

METHOD OF APPLICATION

SUBSTRATE PREPARATION

The substrate should be sound, solid, dry, clean, grease-free and dust-free, without unstable areas. Substrate and air temperature should be in range between +5°C and +35°C and relative air humidity should not exceed 50-60%. At the moment of application, the treated areas should not be directly exposed to sunlight, rain and strong draught.

MATERIAL PREPARATION

The material is prepared by adding 20% water and mixing it until complete homogenous mixture is obtained.

APPLICATION

The product is applied in one layer, evenly over the whole area and without pauses, using brush or roller. If needed, in case there are old and very porous areas, it is possible to prime the substrate twice within 2-3 hours between the first and the second layer. It is recommended to use the same tone as the colour of the finish decorative render. The application of the next layer of decorative render, at temperature of +20°C and relative air humidity of 50-60% is carried out 12 hours later. The treated

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surfaces should be protected from direct sunlight, strong draught, ice and dust until the next layer is applied or until the material is completely hardened (cured). The substrate and air temperature during the application should be in range between +5°C and +30°C. High air humidity and low temperatures during the application may bring to prolonged curing period.

Note: When machine spraying is applied, the prescribed material consumption could increase, depending on the weather conditions during the application.

CONSUMPTION

0.20-0.25 kg/m²

CLEANING

The tools and equipment are cleaned with water, immediately after use.

PACKAGING

Plastic containers of 5 kg and 25 kg.

STORAGE

In closed, original packaging, in dry area, the temperature in the range of 5-30°C. Shelf life: 12 months.

Health hazards: Avoid contact of the product with skin (use protective gloves). The product is not toxic. However, in case of an unexpected contact and contaminated skin areas, rinse it immediately with soap and water. In case of contact with eyes, rinse it immediately with plenty of water and seek medical assistance.

Fire: Hidrofas Grund is a non-flammable cream compound. Additional information is provided in the Safety Data Sheet of the product.

Cleaning and disposal: Loose residues of Hidrofas Grund should be cleaned with water. Old and used packaging should be disposed of in accordance with local rules and regulations for that type of waste.

We recommend that the methods of application and necessary quantities are adjusted to the conditions of the building, as well as use of appropriate equipment.