

HIDROGLET F

*Compound for levelling of external wall and ceiling surfaces made of concrete or mortar
Compliant to EN 998-1 (GP)*

Field of application:

For levelling (flattening) of internal and external wall and ceiling surfaces made of concrete or mortar by applying it in layers with thickness of up to 5mm each. Hidroglet F is an excellent waterproof substrate for application of dispersion paint and decorative mortar, and it is also used for skim coating facade surfaces of facade thermal insulation systems.

Properties:

- One-component;
- Easy to prepare;
- Good adhesion to substrate;
- Good surface strength;
- Good bending strength;
- Good crack resistance;
- Watertight;
- Weatherproof;
- Easy to apply;
- Economical.

Technical features:

Property	Method	Declared value
Appearance	-	grey/white powdery compound
Loose volume	-	(1.19-1.22) g/cm ³
Compacted volume	-	(1.55±0.03) g/cm ³
Water vapour permeability	EN 1015-19	< 15
Water absorption	EN 1015-18	W1
Adhesion strength	EN 1015-12	≥ 0,5N/mm ² - FP:B
Compressive strength	EN 1015-11	CS IV (≥ 6N/mm ²)
Thermal conductivity	EN 1745	0,44W/mK
Fire reaction	EN 13501-1	Еврокласа А1
Hazardous substances	-	NPD
Layer thickness	-	in one layer of 1-2mm total thickness up to 5 mm
Workability at temperature of 20°C	-	2-3 hours
Open time at temperature of 20°C	-	60 – 90 minutes
Drying time at temperature of 20°C and relative humidity of 65%	EN ISO 1517	complete drying of layer in 12 hours

Method of Application:

Substrate Preparation

The substrate should be sound, dry, clean, grease-free and dust-free, and without unstable areas, salts and mould. Newly placed mortar, under normal conditions, at dry weather, at temperature of 20°C and relative air humidity of 65%, should be allowed to mature for at least 1 day per each mm of thickness. In old mortar surfaces, the strength and adhesion of the entire surface should be tested and all unstable areas should be removed in order to obtain a sound substrate. It is recommended that the repair of open areas should be carried out by using Reparatur malter F1 (Repair mortar F1). Existing coatings are not an appropriate substrate for application of Hidroglet F. Therefore, prior to any treatment, these coatings should be completely removed from the substrate by scraping them off. The surfaces having mould, lichen, etc., should be cleaned and disinfected in advance. Prior to applying Hidroglet F, the substrate should be wetted with water. Where necessary, it can be primed by applying a pre-coat of Vrska U (Bond U), diluted with water in ratio 1:3. The temperature of the substrate should be between +10°C and +35°C. Hidroglet F should not be applied if there is rain, fog or strong wind.

Application

Hidroglet F is prepared by adding water and mixing them together until a completely uniform mixture is obtained. After mixing it, the material should be allowed to stay still for 10 minutes. Small amounts of water may be added additionally, if it is necessary for improving the workability. It should be applied by using a smooth trowel or scrapper, in two or three layers, each layer having a thickness of 1.5-2mm. The total thickness of the layers should not exceed 5mm. After each layer has fully bonded, the surfaces should be additionally treated with fine sand paper (3-5 days following the application at temperature of 20°C and relative air humidity of 65%). Treated surfaces should be protected against sunlight, strong draught, rain and dust within a period of 24 hours following the application. The surfaces should be protected with curtains.

Consumption:

For a layer measuring 1 mm in thickness – 1.4 kg/m²

Cleaning:

The tools and equipment should be cleaned with water immediately after use.

Health hazards: Avoid contact of the product with the skin and eyes, and avoid inhalation of the powdery component. In case of accidental contact with the skin, wash it immediately with water and soap. If the material splashes into the eyes, rinse them immediately with plenty of water and seek medical assistance.

If swallowed, seek medical advice.

Fire: Hidroglet F is a non-flammable powder.

Cleaning and disposal: Clean with water. The old and used packaging should be disposed of in accordance with the local rules and regulations for that type of waste.

We recommend that the method of application and the necessary quantities should be adjusted to the conditions of the building, as well as mandatory use of appropriate equipment.


Packaging:

In valve bags of 20 kg

Storage:

In a dry area, in the original packaging, and protected against moisture. Shelf life: 12 months.

CE mark:

	
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EN 998-1 (GP)	
HIDROGLET F	
General purpose for execution/mortar placement	
Water vapour permeability:	<15
Water absorption:	W1
Adhesion strength:	≥ 0.5 N/mm ² - FP:B
Fire reaction:	Euroclass A1
Compressive strength:	CS IV (≥ 6 N/mm ²)
Thermal conductivity:	0.44 W/mK
Hazardous substances:	NPD