

# HIDROGLET F

*Cement based, leveling compound for levelling outside wall and ceiling surfaces, for concrete or mortar substrates  
Compliant to EN 998-1 (GP)*

## FIELD OF APPLICATION

For levelling (flattening) outside wall and ceiling surfaces, made of concrete or mortar. It is intended for application in layer with thickness of 5mm. Hidroglet F is waterproof substrate suitable for application of dispersive paint, decorative mortar or for leveling wall surface in the thermal insulation facade systems.

## PROPERTIES

- one component product;
- simple to prepare;
- good adhesion to the substrate;
- good surface strength;
- good bending strength;
- good crack resistance;
- resistant to precipitation;
- simple application.

## TECHNICAL FEATURES

PROPERTY	METHOD	DELARED VALUE
Apperance	-	grey powder
W/M (water/ material)	-	0,27-0,30
Volumentric mass of fresh material	EN 12190	1,55-1,65g/cm <sup>3</sup>
Water vapour permeability	EN 1015-19	<15
Water absorption	EN 1015-18	W1
Adhesion strength	EN 1015-12	≥0,5N/mm <sup>2</sup> -FP:B
Compressive strength	EN 1015-11	CS IV (≥6N/mm <sup>2</sup> )
Thermal conductivity	EN 1745	0,44W/mK
Reaction to fire	EN 13501-1	Euroclass A1
Hazardous substances	-	NPD
Layer thickness	-	one layer 1-2mm total thickness up to 5mm
Workability at temperature of 20°C	-	2-3h
Open time at temperature of 20°C	-	60-90min
Drying time at temperature of 20°C and relative humidity od 65%	EN ISO 1517	completely dry layer in 12h

## METHOD OF APPLICATION

### SUBSTRATE PREPARATION

Apply Hidroglet F on sound, dry, clean substrate without grease, dust, unstable parts, salts and mold. New mortars in normal conditions, on dry weather at temperature of 20°C and relative air humidity of 65% should dry at least one day for each mm of the thickness. In case of old mortar substrates, strength and adhesion of the entire surface should be examined. The unstable parts should be removed in order to obtain a sound substrate. It is recommended to repair the substrate using Reparatur Malter F1. Existing coatings are not suitable substrate for Hidroglet F. Remove them with scraping before the application of

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Hidroklet F. Clean molds and lichens off the substrate and disinfect the surface. Before the application wet the surface with water. When it is necessary, prime it using Vrska U diluted with water in ratio 1:3. The temperature of the substrate should be between 10-35°C. Avoid application of Hidroklet F on rain, fog or strong wind.

#### **APPLICATION**

Prepare 20kg Hidroklet F with 5.4-6l clean water and mix it until it is homogenized. Leave the mixture still for 10min and mix it again before the application. According to the ambient conditions, small quantity of water can be added, to improve the workability. Apply Hidroklet F using smooth trowel or scrapper in two or three layers. The thickness for one layer is 1-2mm. Total thickness of Hidroklet F should be up to 5mm. After each layer has fully bonded, the surface should be treated using sand paper (3-5 days after the application at temperature of 20°C and relative air humidity of 65%). Protect treated surfaces of sun, strong wind, rain and dust 24 hours after the application using protective curtains.

#### **CONSUMPTION**

for 1mm thick layer (mixed material): 1.55-1.65kg/m<sup>2</sup>  
for 1mm thick layer (dry material): 1.2-1.25kg/m<sup>2</sup>

#### **MAINTAINING**

Clean tools and equipment with water.


#### **PACKING**

Valve bags of 20kg

#### **STORAGE**

In in original, closed packing, protected of moisture, in dry rooms at temperature between 5-35°C.  
Best before: 12 months after the production.

#### **CE MARKING**

	
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<b>15</b>	
<b>EN 998-1 (GP)</b>	
<b>HIDROKLET F</b>	
General purpose for execution/ mortar placement	
Water vapour permeability:	< 15
Water absorption:	W1
Adhesion strength:	≥ 0.5 N/mm <sup>2</sup> -FP:B
Fire reaction:	Еврокласа А1
Compressive strength:	CS IV (≥ 6 N/mm <sup>2</sup> )
Thermal conductivity:	0.44 W/mK
Hazardous substances:	NPD

**Health hazards:** Avoid contact of the product with the skin, and avoid inhalation of the powdery material. The material is non-toxic; however, in case of accidental contact, in the event of skin contamination, wash the affected skin areas immediately with water and

soap. If the material splashes into the eyes, rinse them immediately with plenty of water and seek medical assistance. Additional information is provided in the Material Safety Data sheet of the product.

Fire: Hidroglet F is non-flammable. Additional information is provided in the Material Safety Data sheet of the product.

Cleaning and disposal: Loose residues of Hidroglet F should be cleaned with water. The old and used packaging should be disposed 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. Additional information is provided in the Material Safety Data sheet of the product.