

# HIDROGLET P1

*Cement based, self-levelling compound for levelling floor surfaces  
(for thickness up to 20mm)  
Compliant to EN 13813, CT-C30-F7-A9*

## FIELD OF APPLICATION

For levelling (flattening) concrete or cement mortar floor screeds in layer up to 20mm, prior the application of parquet, laminate, PVC or rubber flooring. It is intended to be applied manually or mechanically.

## PROPERTIES

- Excellent adhesion;
- Easy to prepare;
- Easy to apply;
- Self-leveling.

## TECHNICAL FEATURES

PROPERTY	METHOD	DELARED VALUE
Apperance	-	grey powder
W/M (water/ material)	-	0,24-0,27
Density of fresh materijal	-	1,95-2,10g/cm <sup>3</sup>
Compressive strenght	EN 13892-2	> 30MPa
Flexural strenght	EN 13892-2	>7MPa
Bond strenght	EN 13892-8	>1,5MPa
Thickness of one layer	-	up to 20mm
Workability at temperature of 10-30°C	-	up to 30min
Mechanical use for light duty traffic (pedestrians) at temperature of 20°C	-	after 6h
Mechanical use for heavy duty traffic at temperature of 20°C	-	after 7days
Temperature of the substrate and air during the application	-	10-30°C

## METHOD OF APPLICATION

### SUBSTRATE PREPARATION

Hidroplet P1 is intended to apply on solid, strong, clean, dust-free concrete or cement mortar screed, without cracks, grease and bitumen/tar residues. The substrate should have minimum compressive strength of 30MPa. Prior the application of the levelling compound applies pre-coating of Vrska U (Bond U).

### APPLICATION

Prepare Hidroplet P1 with water (4.8-5.4l for 20kg material) and mix it until it is homogenized. Apply it manually, using steel notched trowel or mechanically in layer with thickness up to 20mm. After the application of the material on the substrate, proceed using bristle roller to eliminate the entrapped air bubbles into the applied layer. The temperature during the application should range between 10-30°C. Workability time at this temperature is 30 minutes.

## CONSUMPTION

for 1mm thick layer (mixed material): ~2.0kg/m<sup>2</sup>  
for 1mm thick layer (dry material): ~1.4kg/m<sup>2</sup>

## MAINTAINING

Clean tools and equipment with water.

## PACKING

Valve bags of 20kg

## STORAGE

In dry area, in original, closed packing. Best before: 12 months after the production.

## CE MARKING

<b>CE</b>	
ADING AD Skopje, Novoselski pat (ul 1409) br.11 1060 Skopje, North Macedonia 19 GJCB001/5 EN 13813 CT C30 F7 A9 <b>HIDROGLET P</b> Cement based, self-leveling compound for levelling of floor surfaces (for thickness up to 20mm)	
Reaction to fire:	<b>Class A1</b>
Release of corrosive substances:	<b>CT</b>
Water permeability:	<b>NDP</b>
Water vapor permeability:	<b>NDP</b>
Compressive strength:	<b>C30</b>
Flexural strength:	<b>F7</b>
Wear resistance - BÖHME:	<b>A9</b>
Sound insulation:	<b>NDP</b>
Sound absorption:	<b>NDP</b>
Thermal resistance:	<b>NDP</b>
Chemical resistance:	<b>NDP</b>

**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 P1 is non-flammable. Additional information is provided in the Material Safety Data sheet of the product.

**Cleaning and disposal:** Loose residues of Hidroglet P1 should be cleaned 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. Additional information is provided in the Material Safety Data sheet of the product.