# POLYWAP İZ K 6001 S

# E-CATALOG

## POLYMER AND SILICONE BASED, UV RESISTANT, SINGLE COMPONENT, WATER BASED LIQUID WATERPROOFING IMPREGNATION

### DESCRIPTION FOR IT

A colorless, water-based, high uv resistant, silico-silicate based, water repellent and protective material that impregnates the surfaces of building elements to provide water repellency.




### AREAS OF USE

It is used as a protective material to reduce water absorption and prevent contamination on water absorbent surfaces with a certain slope. It is used for waterproofing on absorbent surfaces such as decorative brick, concrete, plaster, aerated concrete, travertine, yellow stone, and natural stone in interior and exterior spaces of buildings,on less absorbent surfaces such as marble and granite, on historical monument surfaces against atmospheric effects, and on cement based joint filler surfaces.

### APPLICATION SURFACES

Suitable for application on all absorbent surfaces, both indoors and outdoors.

### ADVANTAGES

Ready to use. High uv resistance. High resistance to temperature differences due to its silico-silicate structure. Applicable to all mineral surfaces and has very high water repellency. Easy and quick application with an insulation pump. An invisible material that does not form a film on the surface. Ideal material for surfaces where the appearance needs to remain unchanged. Ensures the surface is self cleaning. Water vapor permeable; does not prevent the surface from breathing. Prevents moisture, which creates an ideal environment for the growth of microorganisms, thus preventing mold, mildew, and algae from forming on the surface. Prevents the formation of white salt stains on building materials. Resistant to alkaline environments. Prevents walls from getting wet; therefore, it also provides heat savings. (5% moisture in a material reduces its heat insulation value by 30%). Prevents water ingress into the building material, thus preventing frost damage caused by the expansion of this water during freezing and thawing .

### APPLICATION CONDITIONS

Application should not be done in very hot or very humid weather. The ambient temperature for application should be between +5°C and +30°C. It should not be applied to melting, frozen surfaces or surfaces where there is a risk of freezing within 24 hours. Dusty old mineral surfaces should be repaired before application.

### TOOLS USED

Insulation pump, brush, roller, trowel, spatula

### SURFACE PREPARATION

If the surface to be coated with Polywap İZK 6001 S is new, it must be clean, smooth, sound, free from frost and completely dry, and free from residues such as cement residue and loose particles, as well as oil, dirt, rust, moss and dust that prevent adhesion. Inner corners should be beveled with WAP TH-602 repair mortar, and outer corners should be rounded by mechanical means. For surfaces with large holes and uneven surfaces, a scraping coat should be applied with WAP TH-602 using a spatula or trowel to level the surface. On old or dusty surfaces, our POLYWAP İZK 6000 repair product prevents dusting and strengthens the concrete.

### APPLICATION

Polywap iz k 6001 S should be opened and mixed with a low speed mixer for 1 minute until a homogeneous consistency is achieved. On highly absorbent surfaces, it should be applied in 2 coats to the entire surface using a brush or insulation pump. The second coat should be applied shortly after the first coat, before it is completely dry. On less absorbent surfaces, a single coat will suffice. The total application amount should be determined by the absorbency of the surface. The second coat should be applied after the first coat has completely dried.

## CONSUMPTION TABLE

| Area of application | Minimum consumption |
|---|---|
| Depending on the absorbency of the surface, at least for each coat application. | 0,200 – 0.700 kg/m² |
| EXAMPLE: Autoclaved aerated concrete: | 1st layer 450 g/m² - 2nd layer 250 g/m² |

## TOOL CLEANING

All tools should be washed with water immediately after use, before they dry.

## PACKAGING

10 kg. Plastic bucket

## STORAGE AND SHELF LIFE

In dry, moisture free environments away from sunlight, provided the packaging is undamaged and unopened, the product has a shelf life of 12 months from the production date. Packaging must be protected from frost and heat. Two pallets should not be stacked on top of each other during transport and storage.

## STANDARD

TS EN 1504-2

## TECHNICAL TABLE

| İZ K 6001 S | TECHNICAL INFORMATION |
|---|---|
| THE ESSENCE | Silico-silicate silicone |
| COLOUR | Colorless |
| FORM | Thin liquid |
| INTENSITY | Average 0.99 kg/lt. |
| TERM OF INSTITUTION | Minimum 8 hours |
| TIME TO BECOME WATERPROOF | 10 days |