



Rev 0  
07/22



# BETOTEK GEL

Reactive microgel forcement surface with "sandblasted" effect



## FEATURES

BETOTEK GEL is a high gelatinous viscosity product consisting of active acids for the production of washed concrete surfaces, slightly acidic. BETOTEK GEL reacts with the surface cement matrix of the concrete resulting in localized delay. The resulting concrete will have a surface similar to natural stone ("sandblasted" / "sandstone" effect).

BETOTEK GEL has been designed to minimize surface bleeding thus favoring an economical application. BETOTEK GEL does not penetrate the capillaries of the concrete and, therefore, does not affect the reinforcement.

## FIELDS OF APPLICATION

BETOTEK GEL can be used in almost all sectors of architectural concrete production including without limitation to:

- coatings of prefabricated,
- window sills, frames, columns,
- precast concrete products,
- outdoor furniture in concrete.

## SPECIFICATIONS

Gelatinous physicoliquid state

Colorrelational to the product

Density 1.2 - 1.3 g/cm<sup>3</sup>

pH 0

- 1

## APPLICATION

BETOTEK GEL should be mixed before use. After an initial wetting of the concrete, apply the BETOTEK GEL as it is (undiluted) to the surface. For best results the concrete must be at least two or three days old. When APPLYING BETOTEK GEL, the concrete surface begins to form a foam due to the reaction of the acid reactive solution with the cement matrix.

The BETOTEK GEL can be applied with a soft bristle brush and must be evenly distributed and brushed on the surface until the foam is no longer formed.

Once the reaction is complete, the surface must be rinsed with water to remove the superfluous material. The treatment process with BETOTEK GEL can be repeated if necessary to obtain a surface with a deeper locking.

After the use of BETOTEK GEL it is recommended to treat the concrete with one of our surface protective products among those of our TEKNAPUR line.

Some concrete release agents can provoke a hydrophobic effect even several days after the removal of the formwork, this can lead to an increase in the consumption of BETOTEK GEL.

In these cases we recommend the use of one of our detachment agents of our TEKNOIL line.

## SURRENDER

Approximately 300 g/m<sup>2</sup> per application.

SHEET



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1/2



The precise amount depends on the absorption capacity and age of the concrete, as well as the desired depth of finishing. It is highly recommended that you perform tests to determine your specific needs.

## COLOR IDENTIFICATION

Betotek gel K	Betotek gel KS	Betotek gel K PLUS	Betotek gel KS PLUS	Betotek gel KSE
				
Green	Yellow	Blue	Rbone	Violin

Depending on the field of application or the desired effect BETOTEK GEL is available:

- in concentrated form (K)
- in highly concentrated form (KS)
- in concentrated form for vertical surface (K PLUS)
- in highly concentrated form for vertical surface (KS PLUS)
- in super concentrated form (KSE)

## PACKS

18 kg tanks

## VALIDITY

The product retains its characteristics for 2 years from the date of manufacture, if stored in a cool, ventilated place, away from alkaline products.

## WARNINGS

See safety data sheet.

## LEGAL NOTICE

The information contained in this technical sheet, although representing the most advanced stage of knowledge, does not exempt the user from performing accurate preliminary tests in their conditions of use and operation. We therefore decline any responsibility for the improper use of the product.