



Rev 0  
06/23



# BETOTEK GEL

Reactive microgel for cementitious surfaces with a "sandblasted" effect



## FEATURES

BETOTEK GEL is a gelatinous high viscosity product consisting of active acids for the production of washed, slightly acidic concrete surfaces. BETOTEK GEL reacts with the surface cementitious 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 promoting economical application. BETOTEK GEL does not penetrate the concrete capillaries and, therefore, does not affect the reinforcement.

## AREAS OF APPLICATION

BETOTEK GEL can be used in almost all sectors of architectural concrete production, including but not limited to:

- prefabricated cladding,
- window sills, cornices, columns,
- precast concrete products,
- Concrete outdoor furniture.

## SPECIFICATIONS

Physical Status	gelatinous liquid
Color	transparent
Density	1.2 – 1.3 g/cm <sup>3</sup>
ph	0 – 1

## APPLICATION

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

BETOTEK GEL can be applied with a soft-bristled brush and should be evenly distributed and brushed over the surface until foam no longer forms.

Once the reaction is complete, the surface should be rinsed with water to remove unnecessary material. The treatment process with BETOTEK GEL can be repeated if necessary to achieve a surface with a deeper clamping.

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

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

In these cases, we recommend the use of one of our posting agents from our TEKNOIL line.

## SURRENDER

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

SHEET



TEKNA CHEM S.p.A.

Factory: Renate (MB) - Via Sirtori, z.i. 20838 - Tel. +39 0362.91.83.11

Web: [www.teknachemgroup.it](http://www.teknachemgroup.it) - E-mail: [info@teknachemgroup.it](mailto:info@teknachemgroup.it) - Fax: +39 0362.91.93.96

1/2

# BETOTEK GEL



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

## RANGE ID



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

## PACKS

18 kg jerry cans

## VALIDITY

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

## WARNINGS

See MSDS.

## LEGAL

The information contained in this data sheet, although it represents the most advanced stage of knowledge, does not exempt the user from carrying out accurate preliminary tests in his own conditions of use and operation. We therefore decline any responsibility for improper use of the product.

SHEET



TEKNA CHEM S.p.A.

Factory: Renate (MB) - Via Sirtori, z.i. 20838 - Tel. +39 0362.91.83.11

Web: [www.teknachemgroup.it](http://www.teknachemgroup.it) - E-mail: [info@teknachemgroup.it](mailto:info@teknachemgroup.it) - Fax: +39 0362.91.93.96

