

TECHNICAL PAMPHLET

RECKLI[®] CemGel K

RECKLI CemGel K

Product 04146

Edition 01/23

micro elutriation gel

PROPERTIES

RECKLI CemGel K is a viscous, acidic gel, containing surfactants. When applied on concrete, the cement skin can easily be washed off after a short reaction time.

According to the desired effect, also the more concentrated grade RECKLI CemGel KS is available.

APPLICATIONS

RECKLI CemGel K can be used for treating concrete parts, such as façade components, window sills, cornices or pillars. The effect is not diminished by the cement's quality.

RECKLI CemGel K reacts with the cement skin, thus exposing the concrete's aggregate and yielding the appearance of natural stone. The gel-like consistency ensures adequate contact duration and prevents quick running off vertical areas. RECKLI CemGel K does not penetrate capillaries in the concrete surface. Therefore it is not corroding the concrete's reinforcement.

TECHNICAL DATA

property	value
consistency:	gel-like liquid
colour:	pale yellow to brown
pH-Value:	0 – 1
density:	1,2 – 1,3 g/cm ³

These data are typical guide values. They are not destined for the generation of specifications.

SURFACE PREPARATION

The concrete should preferably be 2 – 3 days old.

PROCESSING

Before processing, RECKLI CemGel K must be thoroughly stirred up or shaken. It is applied undiluted on the well wetted surface with an acid-proof brush or broom.

Once applied, RECKLI CemGel K reacts in contact with the alkaline concrete surface involving the formation of foam. After the reaction has subsided, the remaining

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product is continuously spread until no further foaming is observable. Subsequently all residues are washed off with plenty of water. To achieve a higher elutriation depth, the process can be repeated or RECKLI CemGel KS can be used instead.

For optimal protection, a final hydrophobic treatment with the appropriate grade of RECKLI OS is recommended.

CONSUMPTION

200 – 500 g/m², depending on the desired effect.

PACKAGING SIZES

drums: 120 kg | buckets: 18 kg.

STORAGE

Store in a dry, well ventilated place at room temperature. Keep away from alkalis. RECKLI CemGel K is storable for 5 years from delivery when kept in the closed original packaging. Opened drums must be closed airtight right after use.

SAFETY

RECKLI CemGel K contains acids. Protect skin and eyes from material splashes. Provide sufficient ventilation in the working place. When using this product, always wear protective clothing and eye protection. After contact with the skin or the eyes, wash cautiously with water and immediately consult a doctor. Please consult the relevant safety data sheet and attend to the indications on the label of the package regarding the Dangerous Goods Regulation. This pamphlet is intended solely as an application directive. It does not claim to be binding and valid for all modes of application. A preliminary test under operation conditions is highly recommended.

This pamphlet replaces all previously published pamphlets concerning RECKLI CemGel K, stating them as no longer being valid.