

BEECK +P

Photocatalytic additive for BEECK Sensil, to result in BEECK Sensil Plus



1. Product Properties

Highly concentrated, thickened potassium water glass with organic additives and photocatalytic active titanium dioxide. BEECK +P is simply stirred to BEECK Sensil, interior one-pack silicate paint, using an electrical dispenser or mixer. The photo catalysis reduces interior air pollution, smell and malodour, and therefore enables a pleasant and hygienic room ambient. Only use for described application in BEECK interior silicates.

1.1. Composition

- Pure mineral potassium water glass
- Photocatalytic effective titanium dioxide
- Organic content < 5% (VOB/C DIN 18363 2.4.1.)
- Free from solvents, low emission and VOC-content

1.2. Technical properties

1.2.1. Overview

- For use on interior surfaces in system BEECK Sensil
- Photocatalytic effect, initialized by sun or artificial light
- Transforming smell particles and air pollution into innocuously substances
- Permanent embedding in highly porous silicate paint matrix
- No inhibition of silicification activity, porosity or renovation coatings
- Easy handling and dosing
- The product's natural alkalinity helps to prevent bacteria, algae and mould

1.2.2. Important building physics characteristics

Parameter	Value	Conformity
Density 20°C:	1.34 kg / L	
pH value 20°C:	11	
Dynamic viscosity 20°C:	< 500 mPas	
Flammability class:	A2 nonflammable	EN 13501-1, DIN 4102
VOC content (max.):	2 g / L	ChemVOCFarbV Cat. A / a

1.2.3. Colour

- White. Virtually without any influence on colouration.

2. Use

2.1. Substrate requirements

See Technical data sheet of BEECK Sensil.

2.4. Application instructions

2.4.1. General information

See Technical data sheet of BEECK Sensil.

- Carefully cover surfaces which are not to be treated – especially glass, ceramics, window sills, expansion joints, lacquer and anodic coatings – and protect them from splashes. Provide personal protective equipment.

2.4.2. Application

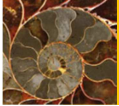
Use as addition for BEECK Sensil:

Simply stir BEECK +P to BEECK Sensil on site, in workshop or POS: add 0.25 L BEECK +P to one bucket á 15 L BEECK Sensil, to result in 15.25 L BEECK Sensil Plus. Stir BEECK +P thoroughly with a stirring staff before dosing to BEECK Sensil in the given quantity. Use an electric dispenser (rotary stirrer, dissolver, mixer or shaker) to intersperse the batch completely, minimum mixing time 4 minutes. BEECK Sensil Plus is ready to use immediately after adding BEECK +P. Shelf-life is not affected. Always stir with electric dispenser before use. If necessary, dilute BEECK Sensil Plus with a maximum of 5 % BEECK Fixative, see Technical Data Sheet.

3. Application Rate and Container Sizes

Recommended additional volume: 0.25 L BEECK +P to one bucket á 15 L BEECK Sensil:

BEECK Sensil		BEECK +P		BEECK Sensil Plus
15 L	+	0.25 L	→	15.25 L
60 L	+	1 L	→	61 L
300 L	+	5 L	→	305 L



BEECK +P

Container sizes: 0.25 L / 1 L / 5 L

4. Cleaning

Thoroughly clean equipment, tools and soiled clothing with water immediately after use.

5. Storage

Stored cool and frost-free, BEECK +P can be kept for at least 12 months. When added to BEECK Sensil, BEECK +P has no influence on shelf-life. Stir before use.

6. Hazard notes, safety instructions and disposal

Comply with the EC Safety Data Sheet. Safety data sheet available on request.

Precautionary statements: Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Wear eye/face protection. The product is alkaline. Do not breathe vapours, spray-mist and dust. Carefully protect the area surrounding the surface to be coated, wash off splashes immediately with water. Disposal in accordance with the official regulations.

Waste disposal number: 080112

7. Declaration

This technical information is offered as advice based on our knowledge and practical experience. All information is provided without guarantee. It does not release the user from their responsibility to check the product suitability and application for the specific substrate on which it is to be used. Subject to change without notice as part of our product development. Non-system additives for tinting, thinning, etc. are not permitted. Check the colours before use. This information sheet automatically becomes invalid when a new edition is issued. The information in the current version of the EC Safety Data Sheets is binding for classification according to the Hazards identifications, disposal considerations, etc.