

BEECK Base TP

One-pack silicate transparent base to VOB/C DIN 18363 2.4.1.



1. Product Properties

Transparent silicate emulsion to VOB/C DIN 18363 2.4.1., used for professional BEECK silicate tinting systems. BEECK Base TP enables efficient factory and POS tinting for interior and exterior. Additional volumes in accordance to BEECK mixing instructions. Silicification, the chemical reaction between mineral substrate, pigments and potassium water glass, creates an inseparable unit of substrate and coating.

1.1. Composition

- Pure mineral potassium water glass
- Mineral fillers: silicification-active and alkali resistant
- Organic content < 5 % (VOB/C DIN 18363 2.4.1.)
- Free from solvents; low emission and VOC

1.2. Technical properties

1.2.1. Overview

- For use in interior and exterior
- BEECK ASF® Active Silicate Formulation
- Mineral matt, capillary-active and high diffusible
- Optimally compatible with BEECK Pigment Concentrate
- Efficient to use in tinting and dosing systems
- Nonflammable
- Natural alkalinity helps to prevent bacteria, algae and mould

1.2.2. Important building physics characteristics

Parameter	Value	Conformity
Density 20°C:	1.43 kg / L	
pH value 20°C:	11	
Dynamic viscosity 20°C:	approx. 3,300 mPas	
W ₂₄ value:	0.3 kg / (m ² h ^{1/2})	DIN EN 1062-3
s _d value (H ₂ O):	0.01 m	DIN EN ISO 7783-2
Grain size:	fine	EN 13300
Gloss level at 85°:	dull matt	EN ISO 2813
Flammability class:	A2 nonflammable	EN 13501-1, DIN 4102
VOC content (max.):	2 g / L	ChemVOCFarbV Cat. A / c

1.2.3. Colour

- Glazing greyish white with insignificant colour force.

2. Use

2.1. Substrate requirements

See Technical data sheet of the product used for.

2.4. Application instructions

2.4.1. General information

See Technical data sheet of the product used for.

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

2.4.2. Application

Use as transparent base for tinting one-pack BEECK silicate paints:

Stir or shake BEECK Base TP well before use. Add tinting components and bases in accordance with the BEECK mixing instructions and stir or shake for minimum time. Use professional mixing equipment, e.g. rotary stirrer, dissolver, mixer or shaker. Always add BEECK Base TP prior to BEECK Pigment Concentrate. Check colour tone and prolong mixing time or stirring intensity if any streak or lump becomes visible.

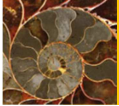
3. Application Rate and Container Sizes

The application rate is depending on color tone and mixing instruction.

Container sizes: 12.5 L

4. Cleaning

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



BEECK Base TP

5. Storage

Stored cool and frost-free, BEECK Base TP can be kept for at least 12 months.

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.