

## KÖSTER Polysil<sup>®</sup> OLH

Technical guideline / Article number **4.013**  
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### Oil and water-repellent, transparent sealing

#### Features

KÖSTER Polysil<sup>®</sup> OLH is a very thin fluid based on a polymer / silicate combination. On mineral substrates, it leads to a reduction of the pore volume and thus reduces the penetration of water and small area spills of oils, fats into the building material.

KÖSTER Polysil<sup>®</sup> OLH is compatible with mortars, plasters, cement based slurries as well as concrete. 7 days after its application, the next layer of mineral building material can be applied.

#### Technical data

|                         |                         |
|-------------------------|-------------------------|
| Application temperature | min. + 5 °C             |
| Density                 | 1.1 g / cm <sup>3</sup> |
| Surface                 | transparent             |

#### Field of application

KÖSTER Polysil<sup>®</sup> OLH reduces the uptake of moisture, oils and fats by mineral building materials.

#### Substrate

KÖSTER Polysil<sup>®</sup> OLH can be applied to weakly and to strongly absorbing, to dry and to moist substrates. The substrate has to be free of loose particles. Salt efflorescence must be removed prior to application of KÖSTER Polysil<sup>®</sup> OLH e. g. by brushing.

#### Application

KÖSTER Polysil<sup>®</sup> OLH can be brushed and sprayed on. During the curing time, the surrounding and substrate temperature must not fall below 0 °C.

For building extremely resistant surfaces, apply two coats of KÖSTER NB 1 Grey to the prepared surface (consumption for each coat: 1.5 kg / m<sup>2</sup>). At the earliest after 24 hours, apply KÖSTER Polysil<sup>®</sup> OLH.

#### Note

Due to optical reasons, we recommend application by spraying. Brush or roller application of the material can lead to an overdosing of the active ingredient which then leads to a striped visual appearance. This does not impair the function of the system.

#### Consumption

Approx. 0.15 to 0.25 kg/m<sup>2</sup> depending on the absorbency of the substrate

#### Cleaning of tools

Clean tools immediately after use with water.

#### Packaging

10 kg canister

#### Storage

Store the material cool but frost-free; in originally sealed packages it can be stored for. 12 months.

#### Safety precautions

Wear protective gloves and goggles during application.

#### Technical guidelines cited

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| KÖSTER NB 1 Grey | Art.-No. | 3.021 |
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The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.