

KÖSTER Polysil[®] OLH

Technical guideline / Article number **4.013**
issued: 1st of March 2009

Oil and water-repellent, transparent sealing

Features

KÖSTER Polysil[®] 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 oils, fats and water into the building material.

KÖSTER Polysil[®] 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 ³
Surface	transparent

Field of application

KÖSTER Polysil[®] OLH reduces the uptake of moisture, oils and fats by mineral building materials.

Substrate

KÖSTER Polysil[®] 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[®] OLH e. g. by brushing.

Application

KÖSTER Polysil[®] 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 / m²). At the earliest after 24 hours, apply KÖSTER Polysil[®] OLH. Two days after the application, the

substrate can be considered as "oil-tight" to accidents and short term impacts of oil.

Consumption

Approx. 0.15 to 0.25 kg/m² 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 in a cool and frost-free place; in originally sealed containers, it can be stored for approx. 12 month.

Safety precautions

Wear protective gloves and goggles during application.

Technical guidelines cited

KÖSTER NB 1 Grey Art.-No. 3.021

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.