KÖSTER
Waterproofing Systems

KÖSTER Siloxan

Technical Data Sheet P 240 010

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Water-repellent liquid facade waterproofing for mineral building materials

CE	**KÖSTER BAUCHEMIE AG Dieselstraße 1-10, 26607 Aurich 13 P 240 EN 1504-2: ZA. 1d and ZA. 1e Surface protection products - Impregnation Protection against ingress (1.2)**
Linear shrinkage	NPD
Coefficient of thermal expansion	NPD
Cross cut	NPD
CO_2-permeability	NPD
Water vapor permeability	NPD
Capillary absorption and permeability to water	w = 0.05 kg/(m² * $h^{0.5}$)
Depth of penetration	Class I
Resistance to thermal shock	NPD
Chemical resistance	NPD
Release of dangerous substances	NPD

Features
KÖSTER Siloxan is a façade waterproofing for mineral building materials which is transparent after drying. It is especially suited for brick and natural stone. It penetrates very deeply even into building materials with low porosity. The material is highly alkaline-resistant and may therefore be applied to fresh mineral substrates. KÖSTER Siloxan protects buildings from driving and normal rain water, it is water vapour permeable, resistant to frost and de-icing salts.

Technical Data

Agent	Polysiloxane, contains solvents
Viscosity	1.3 mPa.s
Application temperature	0 – 30 °C

Fields of Application
KÖSTER Siloxan can be used to waterproof absorbent, mineral substrates such as brick, non-glazed clinker and facing stones, limestone, asbestos cement, plasters, mortars, natural and precast stones.

Substrate
The substrate has to be dry or slightly damp and free of cracks wider than 0.3 mm and free of voids. If the construction materials are slightly damp at the time of application, the penetration of the material will be deeper.

Application
KÖSTER Siloxan is applied in two saturating and even coats, by brush or by spray or by flooding the surface. A sufficient amount of material has been applied, if the excess material flows approx. 15 cm down the wall. Waterproof walls from top to bottom. Both coats should be applied within 10 minutes of each other. Cover up areas which will not be waterproofed e. g. doors, windows etc.

Consumption
0.2 - 1.0 l / m², depends on absorbency of the surface.

Depending on the absorbency of the substrate: 0.2 – 1.0 l / m².
Examples:

Fibrous cement	0.05 – 0.15 l / m²
Concrete	0.25 – 0.50 l / m²
Brick	0.25 – 1.00 l / m²
Plaster	0.50 – 0.80 l / m²
Porous Concrete	0.50 – 1.00 l / m²

We recommend to coat a test area with the material prior to the main application in order to determine the consumption and the effect of the product.

Cleaning
Clean tools immediately after use with customary petroleum spirit.

Packaging

P 240 010	10 l jerrycan

Storage
In originally sealed packages, it can be stored for a minimum of 2 years. Observe the regulations for the storage of flammable liquid

Safety
Wear solvent resistant protective gloves and goggles when processing the material.

Related products

KÖSTER Façade Cleaning Cream	Prod. code P 110 005

P - Façade protection and paints

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.

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