

KÖSTER Silicone Paint White

Technical guideline / Article number **4.16**

Issued: 1st of March 2009

Silicone resin paint for painting exterior or interior, rendered and mineral-plaster covered surfaces

Features

Matt, water-soluble, capillary-hydrophobic façade paint based on silicon resins with special bonding enhancers and special non-wetting-surface effect. It dries to a smooth finish and has a highly vapour-permeable surface.

Field of application

KÖSTER Silicon Paint White is designed for durable paint coatings on smooth and rough renders / plasters. Because of its excellent water vapour permeability it is especially suited for the outer colouring of KÖSTER Restoration Plaster systems.

The paint is also suited for exposed masonry made of lime stone, brick and other mineral substrates. Applied in the preservation of historical monuments, KÖSTER Silicon Paint White offers optimal protection of the building substance because of its low water absorption and its high water vapour permeability. KÖSTER Silicon Paint White is also suitable for interior use where a breathable paint is desirable e.g. after application of Köster Restoration Plaster. It should be noted that future overcoating of all silicon paints with other types of decorative coating can be problematic, due to lack of adhesion.

Technical data

EN ISO 1062-3	Class III
EN ISO 7783-2	Class II
sd-value	approx. 0.10 m
W ₂₄ -value	approx. 0.05 kg / m ² h
Colours	can be adjusted using conventional pigment pastes.

Substrate preparation

The substrate has to be level, sound, clean and dry. Any loose particles have to be removed and levelled or smoothed out. KÖSTER Silicone Paint must only be applied after the substrate

has fully dried (after min. 10 days). If necessary, a preliminary test should be carried out.

Application

The paint should be stirred well before application. It can be applied using a brush, roller or suitable spraying equipment. For priming, dilute KÖSTER Silicone Paint White with up to 10% water. The main coat is applied after the primer has dried fully.

Do not apply the paint if either the outside temperature or the substrate temperature is below + 5 °C or if the surface to be painted has been heated up by the sun. Drying time at + 20 °C and 65 % relative humidity is approx. 12 hours. Lower temperatures and higher humidity prolong the drying time.

Consumption

Approx. 200 ml / m² per layer

Cleaning of tools

Clean tools with water immediately after use.

Packaging

10 l bucket

Storage

Store the material in a cool but frost-free and dry place. In originally sealed packages, it can be stored for min. 1 year. Opened packages should be used up shortly.

Technical guidelines cited

KÖSTER Restoration Plasters

Art.-No. 5.06

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.