



KÖSTER Z 1

Polymer modified, mineral corrosion protection coating

Features

KÖSTER Z 1 is a polymer modified special slurry for the mineral corrosion protection of steel reinforcements. KÖSTER Z 1 is grey pigmented and allows a visual control of the application.

Technical Data

Colour	grey
Density	1.35 g / cm ³
Max. aggregate size	approx. 0.8 mm
Pot life	60 minutes
Water addition (1 kg)	approx. 330 to 400 ml

Fields of Application

As the first layer of the mineral corrosion protection for steel reinforcements from which corrosion was removed, under the corrosion protection KÖSTER Z 2 and subsequent installation of KÖSTER concrete repair products.

Substrate

Steel reinforcements have to be cleaned to grade Sa 2 1/2.

Application

KÖSTER Z 1 is mixed with clean potable water in a mixing ratio of 2.5-3.0 : 1 part by weight of KÖSTER Z1 to water, to a creamy lump-free mass, and applied to the prepared reinforcing steel with a brush. Adjacent concrete may be overcoated by approx. 2 cm. The next layer of the mineral corrosion protection KÖSTER Z 2 can be applied on top of KÖSTER Z 1 after approx. 60 minutes of curing time. During this curing time, KÖSTER Z 1 must be protected from exposure to strong sunlight.

Consumption

Approx. 800 g / m² (per coat)

Cleaning

Clean tools immediately after use with water.

Packaging

C 155 001 1 kg can

Storage

Store the material in a dry environment. In originally sealed packages, the material can be stored for a minimum of 12 months.

Safety

Wear protective gloves and goggles when processing the material. Observe all governmental, state, and local safety regulations when processing the material.

Related products

KÖSTER Z 2 Prod. code C 255 001

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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