



## KÖSTER Z 1

Technical Data Sheet C 155 001

Issued: 2019-09-06

### Polymer modified, mineral corrosion protection coating

#### Features

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

#### Technical Data

Colour	grey
Density	1.35 g / cm <sup>3</sup>
Pot life	60 minutes

#### Fields of Application

Corrosion protection for steel reinforcements from which corrosion was removed in conjunction with KÖSTER Betomor restoration products.

#### Substrate

Steel reinforcements have to be cleaned to grade Sa 2 ½.

#### Application

KÖSTER Betomor Z 1 is mixed with clean potable water (in a mixing-ratio by weight of 2 parts of KÖSTER Betomor Z1 to 1 part of water) to a creamy consistency. It is applied with a brush to the prepared steel reinforcements. Adjacent concrete may be overcoated by approx. 2 cm. The next layer of a mineral KÖSTER Betomor restoration product can be applied on top of KÖSTER Betomor Z1 after approx. 60 minutes of curing time. During this curing time, KÖSTER Betomor Z1 must be protected from exposure to strong sunlight.

#### Consumption

Approx. 800 g / m<sup>2</sup> (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.

#### Related products

KÖSTER Z 2	Prod. code C 255 001
KÖSTER Repair Mortar NC	Prod. code C 535 025
KÖSTER Repair Mortar R4	Prod. code C 536
KÖSTER NB 1 Brush for slurries	Prod. code W 913 001

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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