



## KÖSTER Z 2

Technical Data Sheet C 255 001

Issued: 2022-07-01

### Polymer modified, mineral corrosion protection coating

#### Features

KÖSTER Z 2 is a polymer modified special slurry for the mineral corrosion protection of steel reinforcements. KÖSTER Z 2 is red pigmented and allows a visual control of the application.

#### Related products

KÖSTER Z 1  
KÖSTER Repair Mortar NC  
KÖSTER Repair Mortar R4

Prod. code C 155 001  
Prod. code C 535 025  
Prod. code C 536

#### Technical Data

Colour	red
Density	1.35 g / cm <sup>3</sup>
Max. aggregate size	approx. 0.8 mm
Pot life	60 minutes
Water addition (1 kg)	approx. 330 to 400 m

#### Fields of Application

As the second layer of the mineral corrosion protection for steel reinforcements from which corrosion was removed, on top of the corrosion protection KÖSTER Z 1 and subsequent installation of KÖSTER concrete repair products.

#### Substrate

Steel reinforcements have to be cleaned to grade Sa 2 1/2. Then, as a first coat, KÖSTER Z 1 is applied. The corrosion protection coating made of KÖSTER Z 2 can be applied after approx. 60 min. or when the first coat will not be damaged by the application.

#### Application

KÖSTER Z 2 is mixed with clean potable water in a mixing ratio of 2.5-3.0 : 1 part by weight of KÖSTER Z 2 to water, to a creamy lumpfree mass, and applied by brush to the steel reinforcements which were prepared with KÖSTER Z 1. Adjacent concrete may be overcoated by approx. 2 cm. The next layer of a mineral KÖSTER restoration product (e.g. KÖSTER Repair Mortar NC, KÖSTER Repair Mortar R4) can be applied on top of KÖSTER Z 2 after approx. 60 minutes of curing time. During this curing time, KÖSTER Z 2 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 255 001 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.

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 application 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.