



## KÖSTER BDM

Technical Data Sheet C 731

Issued: 2019-09-06

Tested according to DIN EN 12390-8:2009-07 (depth of water penetration in concrete under pressure), Bremen Institute for Materials Testing (MPA), Test Report 50083-10.

## Crystallizing integral waterproofing additive for concrete

### Features

Crystallizing, chloride free integral waterproofing for concrete elements. KÖSTER BDM is used for the production of water tight concrete, it strengthens and increases the chemical resistance of concrete. KÖSTER BDM blocks capillaries and has additionally a water-repelling effect. It is free of corrosive ingredients and is non-sensitive to mechanical damage to the surface.

### Technical Data

Appearance	milky
Density (20 °C)	approx. 1.1 g/cm <sup>3</sup>
Viscosity	approx. 100 – 200 mPa•s
Minimum working Temperature	+ 5 °C

### Fields of Application

Liquid admixture to decrease the water absorption of concrete where low absorption is demanded such as pools, ponds, reservoirs, foundations, walls and floors, tunnels, precast concrete, etc.

### Application

Mix well before use. KÖSTER BDM is added to the mixing water. The corresponding amount of water is subtracted from the mixing water. Prepared mixing water is stable for approx. 24 hours. The consumption depends on the quality and porosity of the concrete as well as on the required water resistance the concrete. Tests can be made before usage in order to determine the waterproofing effect with the given concrete formulation.

### Consumption

2 % (mass) of cement content

### Cleaning

Clean tools immediately after use with water.

### Packaging

C 731 000	1000 kg IBC
C 731 030	30 kg jerrycan

### Storage

Store the material frost-free at temperatures between + 5 °C and + 25 °C. In originally sealed packages it can be stored for a minimum of 12 months.

### Safety

Wear gloves and goggles. Avoid contact with eyes.

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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