

KÖSTER BS 1 Bitumen Paste

Technical guideline / Article number **1.10**
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Fibrated bitumen compound with permanent plasticiser

Features

KÖSTER BS 1 Bitumen Paste is a solvent based, non-sagging, weather resistant and ductile bitumen paste. The softening point lies at 100 °C which ensures a high stability. The material is resistant to diluted acids, alkalis, industrial gases, salt water and similar aggressive substances. KÖSTER BS 1 Bitumen Paste is asbestos free and does not contain any PCB.

Technical Data

Colour	black
Specific gravity	approx. 1.2 g / cm ³
Solids	approx. 80% by weight.
Solvents	Hydrocarbons

Field of application

KÖSTER BS 1 Bitumen Paste can be used to repair leaks on roofs covered with bitumen membranes or corrugated sheets, for sealing wall connections with and without embedding of a reinforcement mesh. It can also be used for waterproofing vertical and horizontal areas, inside and outside, above and below ground; it is suited for sealing pipe feed throughs.

KÖSTER BS 1 Bitumen Paste is also suited for sealing the ends of the self adhesive KÖSTER Bikuplan® KSK membranes at low temperatures.

Substrate preparation

The substrate has to be dry, clean and free of rust. Absorbent mineral substrates such as concrete, plaster and masonry have to be primed with KÖSTER Bitumen Primer.

Application

KÖSTER BS 1 Bitumen Paste is applied in a thickness of 3 to 4 mm using a trowel. The ideal application temperature is between +5 and +25 °C. Higher layer thicknesses can be realized by applying several layers. Each layer must be fully cured before

application of the next layer. KÖSTER Glass Fibre Mesh is ideally suited to be embedded as reinforcement into barrier layers made of KÖSTER BS 1 Bitumen Paste.

Prior to sealing the ends of KÖSTER KSK membranes at low temperatures, we recommend to store KÖSTER BS 1 Bitumen Paste in a heated room.

Consumption

Approx. 1 l / m² per mm of layer thickness

Cleaning of tools

Clean tools immediately after use with KÖSTER Bitumen Remover.

Packaging

5 l bucket

Storage

The material is not sensitive to frost. Close opened packages tightly. In originally sealed packages, it can be stored for approx. 12 months.

Safety precautions

The material contains hydrocarbons. It is flammable! The vapours can cause sleepiness and drowsiness. Do not inhale the vapours and make sure to use the material only in well ventilated areas.

Technical guidelines cited

KÖSTER Bitumen Primer	Art.-No.	1.01
KÖSTER Bitumen Remover	Art.-No.	9.03
KÖSTER KSK membranes	Art.-No.	10.ff.
KÖSTER Glass Fibre Mesh	Art.-No.	11.01

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.