



KÖSTER BS 1 Bitumen Paste

Technical Data Sheet W 501 005

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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 PCBs.

Technical Data

Color	Black
Specific gravity	approx. 1.2 g / cm ³
Solids	approx. 80% by weight
Solvents	hydrocarbons

Fields of Application

KÖSTER BS 1 Bitumen Paste can be used to repair leaks on roofs covered with bituminous membranes or corrugated sheets, and for sealing wall connections with and without embedding a reinforcing 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 and cable penetrations.

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

Substrate

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 °C 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 Fiber Mesh is ideally suited to be embedded as reinforcement into successive layers of KÖSTER BS 1 Bitumen Paste.

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

Consumption

Approx. 1 l/m² per mm layer thickness

Cleaning

Clean tools immediately after use with KÖSTER Universal Cleaner.

Packaging

W 501 005 5 l bucket

Storage

The material is not sensitive to frost. Close opened containers tightly. In originally sealed packages it can be stored for a minimum of 12 months.

Safety

The material contains hydrocarbon solvents. These are harmful to health and can cause lung damage if swallowed. The vapors can cause sleepiness or drowsiness. Don't inhale the vapors. Apply the material only in well ventilated areas. Flammable. Keep away from ignition sources. Observe all governmental, state, and local safety regulations when processing the material.

Related products

KÖSTER Special Joint Tape	Prod. code J 870 010
KÖSTER KSK ALU Strong	Prod. code R 817 105 AS
KÖSTER Bitumen Primer	Prod. code W 110 010
KÖSTER Glass Fiber Mesh	Prod. code W 411
KÖSTER KSK ALU 15	Prod. code W 815 096 AL
KÖSTER KSK SY 15	Prod. code W 815 105
KÖSTER KSK DS 15	Prod. code W 815 105 DS
KÖSTER Universal Cleaner	Prod. code X 910 010

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.