

KÖSTER

Waterproofing Systems

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KÖSTER® KB-Flex 200

Mastic for waterproofing of cable and pipe penetrations,
applicable even under flowing water

Product Description:

Turkish product name > KÖSTER KB-Flex 200

KÖSTER KB-Flex 200 is a permanently plastic sealing compound for sealing of pipe penetrations, cavities and the like against moisture and pressurised water.

It does not dry out but remains permanently moldable.

KÖSTER KB-Flex 200 adheres very well to many dry and moist substrates.



Field of Application:

Sealing of pipe and cable penetrations in structures below ground. Applicable for the sealing of leakages also in case of active leakages of pressurized water.

Technical Data:

Density 1,60 g / cm³

Color gray

Application temperature +5°C to +35°C

Ground temperature +5°C to +30°C

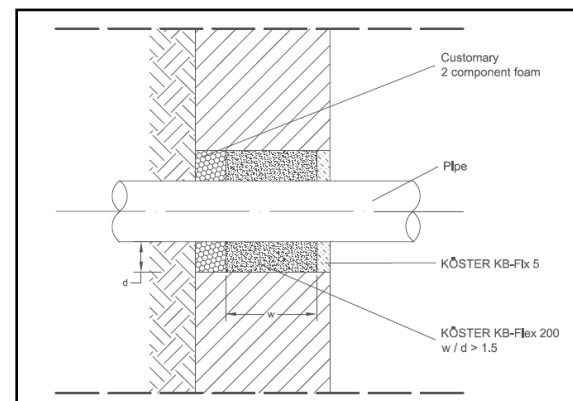
Temperature resistance +50°C

Substrate Preparation:

The substrate can be dry, moist or wet. The substrate must be free of grease, tar and oil as well as free of loose particles. Suitable

substrates are: concrete, masonry, mortar, plaster and all other mineral construction materials.

KÖSTER KB-Flex 200 will also bond on ceramic, PVC, polyethylene and polypropylene.



Application:

Prior to application, the cartridge containing KÖSTER KB-Flex 200 is put into warm water and thus heated to approx. 30 °C. This ensures that the material will have an optimal consistency for application. The penetration must be thoroughly cleaned from the inside

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so that it is free of dust, sand and other loose parts.

The waterproofing made of KÖSTER KB-Flex 200 must be dimensioned so that the ratio of the width (w) to the diameter (d) of the installed material is not below 1.5 to 1. The maximum diameter of the waterproofing is 300 mm.



Before applying KÖSTER KB-Flex 200, a securing block is installed in the penetration at a depth of 10 cm using a customary 2C PU-foam. The KÖSTER KB-Flex 200 cartridge is then placed in the gun and the material is pressed into the penetration from back to front utilizing the flexible nozzle so that the resulting layer thickness is at least 8 cm.

After sealing cable penetrations, jiggle the cables and press KÖSTER KB-Flex 200 into potential voids created by the jiggling. Make sure that the cable is lying free of tension after finishing the sealing. Finally, the sealing compound, laying back approx. 1 cm from the inside wall surface, is pressed in well and smoothed with a metal spatula. As an additional safeguard, the mouth of the penetration is closed with KÖSTER Repamor repair mortar.

If a new cable is to be installed in this penetration later on, then the KÖSTER Repamor plug must be removed first. After that, the (new) cable is pushed through the (existing) KÖSTER KB-Flex 200. Finally, if necessary, the penetration is resealed by pressing in additional KÖSTER KB-Flex 200.

Consumption:

KÖSTER KB-Flex 200 1,60 g / cm³

Packaging:

KÖSTER KB-Flex 200 530 ml cartridge



Storage:

Containers must be stored at +20°C (room temperature). Store in tightly sealed containers. Keep out of direct sunlight, protect from water and freezing.

Shelf Life:

12 months.

Caution:

Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye / face protection. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. For additional references to safety-hazard warnings, regulations regarding the transport and waste management please refer to the relevant Material Safety Data Sheet.

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Revision Date: 30-06-2026