



Systemabdichtungsbaustoffe

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Kaubit sealing membrane KSK

Technical datasheet

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Elastic, entirely self-adhesive, cold-workable sealing membrane for inside and outside sealing as per DIN 18195 Part 5

Properties:

Kaubit sealing membrane KSK is a crack bridging, plasticizer-free, thermally stable, frost and de-icing salt resistant, self-adhesive sealing membrane with good forming properties which is laminated on the top side with a highly tear resistant HDPE film. The self-adhesive bottom side of the sealing membrane is protected with silicone paper. Provides a safe sealing of the overlapping areas as well as a high resistance against water pressure and water vapour. Kaubit sealing membrane KSK guarantees a uniform layer thickness of the sealing. As the sealing membrane must not be warmed up prior to application and no drying period has to be considered the sealing membrane can be applied easily and rapidly and an effective sealing is reached immediately. Due to the bitumen-polymer bonding compound the sealing membrane is self-sealing in case of minor damages. A high perforation resistance is provided because of the highly tear resistant HDPE film.

Applications:

Kaubit sealing membrane KSK is particularly suitable for waterproofing against ground humidity and non-retaining seepage water at basement slabs and walls (DIN 18195/4) as well as against non-pressing water (DIN 18195/5). Sealing against capillary rising humidity and water vapour barrier under load distribution plates. For vertical and horizontal areas.

Technical specifications:

Processing temperature:	+5°C to +30°C
Total layer thickness:	1.5 mm
Weight:	1.7 kg/m ²
Fire class:	B2 (DIN 4102)
Elongation at break:	300%
Elongation at maximum tensile load lengthwise:	197%
Elongation at maximum tensile load diagonally:	225%
Maximum tensile load lengthwise:	235 N/50 mm
Maximum tensile load diagonally:	217 N/50 mm
Colour:	black-grey

Preparation of the substrate:

The surface has to be solid, supportive and level as well as free of oil, grease, dust and other separation layers.

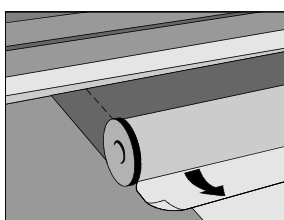


The joints of basement masonry have to be filled evenly in order to achieve a plane surface. At the transition from horizontal to vertical waterproofing area and at foundation projections, a mortar fillet with a leg length of at least 5 cm has to be established which has hardened before applying the primer. Surfaces are primed with Kaubit primer BT-L. Horizontal loaded areas do not have to be primed. The primer has to dry completely and is laminated with the sealing membrane the same day. Strongly absorbent areas (i. e. autoclaved aerated concrete) need two priming coats. At a temperature of +20°C and a relative air humidity of 50% the drying time of the priming coat is about 2 to 3 hours.

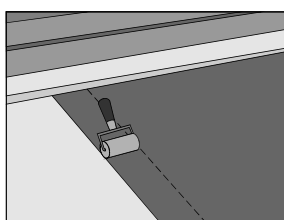
Use:

The sealing membranes are cut to the required length and rolled up again. We recommend to use a very sharp knife for cutting which should be moistened from time to time in order to avoid sticking.

The sealing membrane must not be cut when exposed directly to sun or heat. The membranes or pre-cut parts are unrolled to a length of 50 to 100 cm, the protective paper is removed at a length of 30 - 50 cm. Then the membrane has to be positioned and the exposed adhesive layer has to be firmly pressed to the surface, starting from the centre; inclusions of air and folds have to be avoided (e. g. by using a strong brush). The protective sheet has to be removed from the bottom side of the roll (picture 1) and is continuously pulled off while unrolling the sealing membrane.



Picture 1



Picture 2

The next sealing membrane must overlap the first one by about 5 cm in the overlapping border area. In order to achieve a permanent and firm sealing the self-adhesive area has to be pressed down firmly in the overlapping area (e. g. with a hand roller, picture 2) in order to prevent rain or other water from passing underneath the sealing membranes. When sealing roof drains, outlets etc. fitting holes or slots have to be cut into the sealing membranes. The sealing membrane has to be fixed up on walls, chimneys etc. to a height of at least 15 cm. The sealing membranes are attached to the wall using a wall connection profile. The remaining joint between surface and wall connection profile is sealed with Kaubit joint sealer BV. Connections are made with pre-cut parts, which are sealed in the form of covings. The sealing membranes can be loaded immediately after laying.

Consumption:

1.05 m per metre (an overlapping of 5 cm has to be considered).

Information on further processing:

The sealing membranes are not suitable for pedestrian traffic and have to be protected against mechanical damages e.g. by drainage, insulating or protective slabs. Loads on spots or lines have to be avoided. Floor areas have to be protected by protective screed (for balconies) or by round pebbles on a protective fleece (for roofs).

Cleaning of tools and equipment:

Immediately wash the tools with water.

Storage:

Kaubit sealing membrane KSK can be used for at least 24 months without losses in quality when stored in a dry place in a vertical position in a cardboard box protected from direct sun. Kaubit sealing membrane KSK should be taken out of the cardboard box only shortly before use.

Supplied as:

Rolls à 15 m
 Width: 1 m
 1 roll/ cardboard box
 15 boxes/pallet

Safety information:

Kaubit sealing membrane KSK is not classified as dangerous materials according to the German Gefahrstoffverordnung (Dangerous Goods Regulation).

Disposal:

The packing can be recycled under the "Green Dot" scheme operated by Duales System Deutschland AG.

For further information, see the Health and Safety sheet.



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