

# Kaubit sealing membrane KSK Alu

## Technical datasheet

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### Elastic, entirely self-adhesive, cold-workable aluminium-laminated sealing membrane for application as vapour barrier

#### Properties:

Kaubit sealing membrane KSK Alu is a self-adhesive, vapour diffusion tight, aluminium-laminated sealing membrane with good forming properties. The self-adhesive bottom side of the sealing membrane is protected with silicone paper.

#### Applications:

Kaubit sealing membrane KSK Alu is especially suitable as vapour barrier under load distribution plates.

#### Technical specifications:

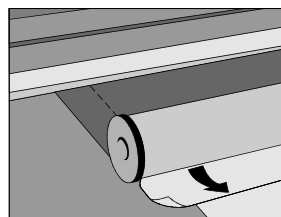
Processing temperature:	- 5 °C to + 30 °C
Thickness:	1.5 mm
Width:	1m
Temperature resistance:	Aluminium film up to 700°C
Equivalent air layer thickness sd:	2823 m
Elongation lengthwise:	7%
Elongation diagonally:	8%
Tensile strength lengthwise:	70 bis 90 N/mm <sup>2</sup>
Tear resistance:	1N/mm <sup>2</sup>
Cross tear resistance:	1N/mm <sup>2</sup>

#### Preparation of the substrate:

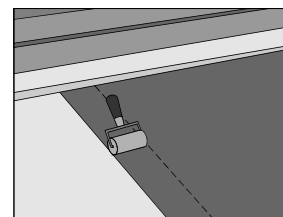
The surface has to be solid, supportive and level as well as free of oil, grease, dust and other separation layers.

#### 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. The next sealing membrane must overlap the first one by about 5 cm in the overlapping areas.



Picture 1



Picture 2

In order to achieve a permanently safe 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.



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Systemabdichtungsbaustoffe

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**Consumption:**

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

**Information on further processing:**

When the vapour barrier has laid the subsequent steps can be carried out.

**Cleaning of tools and equipment:**

Immediately wash the tools with water.

**Storage:**

Kaubit sealing membrane KSK Alu 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 Alu should be taken out of the cardboard box only shortly before use.

**Supplied as:**

Rolls à 15 m<sup>2</sup> (1m wide, 15 m long)  
15 rolls/pallet

**Safety information:**

Kaubit sealing membrane KSK Alu is not classified as dangerous material 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.**