

KÖSTER Bikuplan® KSK DS 15

Technical guideline /Article number **10.361**
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- Industry classification "Bikuplan" registered at the German patent office, 3955 6699

Double sided cold self-adhesive synthetic/bitumen sealing tape

Features

KÖSTER Bikuplan® KSK DS 15 is double sided cold self-adhesive and can thus be applied without use of hot air or propane gas flame welding. Due to its great ductility, it can be easily applied even to difficult details. The membrane is protected on both sides by a protective paper. KÖSTER Bikuplan® KSK DS 15 can be applied in above-ground as well as in below-ground construction.

Technical data

Thickness	1.5 mm
Data regarding the bitumen compound:	
Elongation at break	approx. 1200 %
Retraction	> 80 %
Cold bending property (r = 15mm)	- 10 °C
Adhesion (180 °pull off)	36 N / cm
Resistance to water vapour diffusion μ	58000
Water vapour resistance Sd	87 m

Advantages of the product

- uniform waterproofing layer, immediate waterproofing effect,
- easy application: no heating or drying,
- self-sealing in case of small damages,
- self-adhesive edge improves safe and fast overlapping,
- high resistance to perforations,
- high resistance of the seam against water pressure and water vapour.

Substrate preparation

The substrate must be clean, dry, level and without edges or nests. Masonry joints must be closed flush. The areas are primed with a thin layer of KÖSTER KBE Liquid Film (consumption approx. 250 g / m²). In case of strongly absorbent substrates (e. g. in case of porous concrete) two coats are necessary. Before the membrane is applied, the priming layer must have dried completely. Apply the membrane on the same day on which the primer has dried completely.

Application

For cutting the membrane, always use a sharp knife. In order to avoid getting the knife stuck, wet the blade repeatedly. Avoid cutting the membrane when it is exposed to sunlight and heat. Remove the protective backing paper after cutting the membrane. Cutting the membrane is facilitated by placing a piece of wood on top of the membrane and using it as a cutting support.

Before beginning the waterproofing works, lay the membrane loosely and fix it in position. Then remove on one side approx. 30 cm of the protective backing paper from the bottom side of the membrane and firmly press the membrane onto the substrate. Then, the protective backing paper is removed by and by while the membrane is fixed in position by pressing it onto the substrate. Make sure that the membrane always has good contact to the substrate. The membranes are applied overlapping each other on the edges by at least 5 cm. The overlapping areas are bonded together when the overlapping zone is pressed on using the hand roller. Connection areas of the membrane such as the ends have to be protected in order to avoid water penetrating behind the membrane. For this, specially cut pieces of KÖSTER Bikuplan® KSK DS 15 can be used. On intersection areas, special care has to be taken. The membrane must not be applied at temperatures below + 5 °C.

Cleaning of tools

Clean soiled sticky cutting tools with KÖSTER Bitumen Remover.

Packaging

21 m² roll, width: 1.05 m; length: 20.00 m

Storage

Do not undercool the rolls and do not expose them to direct sunlight. Store the rolls standing up. Protect them from pressure and moisture.

Technical guidelines cited

KÖSTER KBE Liquid Film Art. No. 1.13
KÖSTER Bitumen Remover Art. No. 9.03

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