

KÖSTER Bikuplan® Special Joint Tape

Technical guideline /Article number **10.37**
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- Industry classification "Bikuplan" registered at the German patent office, 3955 6699

Cold self-adhesive waterproofing tape for dilatation-, movement- and building-separation-joints

Features

KÖSTER Bikuplan® Special Joint Tape is a 2.0 mm thick special joint tape for waterproofing joints to be incorporated into the area waterproofing made of polymer modified bitumen thick film sealants and KÖSTER Bikuplan® KSK membranes. In the middle, the joint tape is fitted with a highly tear resistant mesh; it resists the highest stresses and is immediately waterproof to pressurized water. The membrane is laminated with a 5 cm wide stripe of aluminium foil in the middle of the side of the membrane which faces away from the building.

Technical data

Width	30 cm	
Thickness	2 mm	
Temperature resistance	- 20 °C to + 80 °C	
Application temperature	- 10 °C to + 30 °C	
Max. tensile force	Required	Measured
Lengthwise	200 N / 5 cm	243 N / 5 cm
Crosswise	> 200 N / 5 cm	269 N / 5 cm
Elongation at max. tensile force	Required	Measured
Lengthwise	150 %	362 %
Crosswise	> 150 %	230 %

Additional data of reinforcement mesh embedded in the middle

Rupture-load warp direction	> 900 N / 5 cm
Rupture-load fill direction	> 1100 N / 5 cm

Field of application

KÖSTER Bikuplan® Special Joint Tape is designed for safe waterproofing and permanent bridging of dilatation-, movement- and building-separation-joints. It is also suited for safe waterproofing of details when using KÖSTER systems. It is universally applicable inside and outside.

Substrate preparation

The substrate must be sound and solid, dry as well as free of dust and grease. Loose particles such as rust have to be removed using a wire brush, metals have to be degreased. Remove edges and

ridges and close joints and voids level.

Application

When used combination with polymer-modified bitumen thick film sealants, the area, on which the tape will be applied, must be primed with KÖSTER KBE Liquid Film or respectively with KÖSTER KSK Primer SP. After the priming layer has dried, KÖSTER Bikuplan® Special Joint Tape is applied and covered with thick film sealant up to the laminated aluminium foil. A complete covering of the surface of the upper side of the tape is not mandatory.

When used in combination with cold self-adhesive bitumen waterproofing membranes (KSK), the area, on which the tape will be applied, must be primed with KÖSTER KBE Liquid Film or respectively with KÖSTER KSK Primer SP. The waterproofing layer is also bonded up to the laminated aluminium foil of the KÖSTER Bikuplan® Special Joint Tape which is applied first. Adjacent seam areas are covered with KÖSTER KBE Liquid Film or with KÖSTER BS 1 Bitumen Paste.

Cleaning of tools

Clean soiled sticky cutting tools with KÖSTER Bitumen Remover.

Packaging

10 m roll, width of rolls: 30 cm

Storage

Store the material in a dry place at temperatures between + 5 °C and + 30 °C; it can be stored for approx. 1 year.

Technical guidelines cited

KÖSTER polymer-modified thick film sealants	Product group 1
KÖSTER BS 1 Bitumen Paste	Art. No. 1.10
KÖSTER KBE Liquid Film	Art. No. 1.13
KÖSTER KSK Primer SP	Art. No. 7.30
KÖSTER Bitumen Remover	Art. No. 9.03
KÖSTER Bikuplan® KSK membranes	Product group 10

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