

KÖSTER KSK DS 15

Double sided cold self-adhesive synthetic/bitumen sealing tape

Features

KÖSTER 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 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, place the membrane loosely on the substrate and then fix it in position. Then remove on one side approx. 30 cm of the 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 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 cutting tools with KÖSTER Bitumen Remover.

Packaging

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

Storage

Rolls must not be exposed to low temperatures or 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

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.