



### DOBAU®- Underlay Roofing Sheet

Underlay roofing sheet PYE KTG KSP-2,8  
according to DIN EN 13707 and DIN SPEC 20000-201

#### Product

The DOBAU®- Unterlagsbahn KSU (DOBAU®- Underlay Roofing Sheet) is an elastomeric bitumen cold self-adhesive membrane with a carrier of glass mesh fabric. It is used as the bottom layer in multi-layer sealed flat roof constructions. DOBAU®- Unterlagsbahn KSU can be applied to temperature-sensitive materials such as polystyrene, polyurethane, etc. It can be combined in the layer structure of a flat roof with all common polymer bitumen fused membranes and can be used as the first layer without any problem.

#### Properties

The cold self-adhesive DOBAU®- Unterlagsbahn KSU consists of a carrier which is coated on both sides. The carrier is a glass mesh fabric coated with glass fleece. The upper side is coated with a special bitumen mixture and the lower side with a cold self-adhesive bitumen. This ensures a high level of direct adhesion to the substrate or good connection to the bitumen roofing membrane laid on top. On the upper side, the underlay is provided with a film that is self-melting under heat and on the lower side with a siliconised film.

#### Application

The substrate must be dry, plane, and free of grease and dust. Dusty substrates must be treated with a primer (e.g. DOBAU®- Primer for cold self-adhesive bitumen sealing membranes). In order to achieve optimum alignment and position of the sheets, the first sheet is unrolled, aligned, rewound halfway and then the film is pulled off while unrolling again. Through contact with the substrate, it adheres there immediately. Do the same with the other half. The next sheet is laid with an overlap of 8 cm. The cross seam should overlap about 10 cm. Press down with a pressure roller. If work procedures are separated by longer time intervals, the seams and head closures must be carefully sealed with the flames of a propane burner. The roof membrane is fused to the underlay with a carefully adjusted flame. The underlay must always be laid together with the top layer. It is not suitable as emergency sealing.

#### Technical data according to DIN 13707

Upper side:	Coating of flexible bitumen	
Carrier:	Glass mesh and glass fleece (basis weight > 200 g/m <sup>2</sup> )	
Underside:	self-adhesive, polymer-modified bitumen	
Fire behaviour:	Class E	DIN EN ISO 13501-1
Watertightness:	passed	DIN EN 1928
Cold bending behaviour:	≤ -25 °C	DIN EN 1109
Heat resistance:	≥ 100 °C	DIN EN 1110
Tensile strength (lengthways/crossways):	≥ 1000 N/ 50 mm	DIN EN 12311-1
Expansion (lengthways/crossways):	≥ 5 %	DIN EN 12311-1

#### Central Sales

Dortmunder Gußasphalt GmbH & Co. KG

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Shear resistance (lengthways/crossways):	≥ 700 N/ 50 mm	DIN EN 12317-1
Length:	≥ 10 m	DIN EN 1848-1
Width:	≥ 100 cm	DIN EN 1848-1
Thickness:	≥ 2.8 mm	DIN EN 1849-1

## Application field

As 1 layer in a 2-layer roof sealing system

## Dimensions/Roll

Roll width:	1 m
Roll length:	10 m
Roll Thickness:	2.8 mm
Weight:	approx. 35 kg

## Application temperature

DOBAU®- Unterlagsbahn KSU can be applied from approx. 8 °C. If applied in cold weather, the Unterlagsbahn KSU must be stored for at least 12 hours in an environment with > 10 °C.

## Storage

Do not stack pallets on top of each other.  
Store indoors and avoid direct sunlight.

This product information corresponds to our latest available information. The processor is obliged to test the suitability and application options for the intended purpose. We shall be pleased to advise if you have any questions about our product. Our Terms and Conditions of Business apply, which can be found at [www.dga.de](http://www.dga.de).

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