

DOBAU®

-Dampfsperrbahn BLR



(DOBAU®- Vapour Barrier RFL)

Cold self-adhesive, fire load-reduced bitumen vapour barrier membrane according to DIN EN 13970/ DIN 18234

Product

DOBAU®- Dampfsperrbahn BLR (DOBAU®- Vapour Barrier RFL) has been specially designed for flat roofs. As a bitumen vapour barrier membrane, it meets all the requirements for industrial roofs of DIN 18234 (fire load from below) as well as the Industrial Building Directive.

Properties

DOBAU®- Dampfsperrbahn BLR is a polymer bitumen cold self-adhesive membrane with a special aluminium composite foil on the outside. The protective film (with interliner protruding on both sides for easier removal) is made from siliconised HDPE film.

DOBAU®- Dampfsperrbahn BLR is characterised by the following properties:

- Fire load reducing
- Cold self-adhesive
- Good workability at low temperatures
- Solvent-free
- A primer is not required for plastic-coated trapezoidal steel sheets
- Tread-proof
- Vapour-tight (sd value > 1500 m)

Application

DOBAU®- Dampfsperrbahn BLR is laid straight rolling by removing the protective film. For safe overlapping, 8 cm must be maintained in the longitudinal and transverse seams. The glued areas can be additionally sealed. DOBAU®- Dampfsperrbahn BLR must be adhered to the substrate over the entire surface. In the cold season no welding is necessary, because the DOBAU®- Dampfsperrbahn BLR is highly adhesive. If the substrate is dry and free from impurities, no primer is required. However, this is always recommended if the substrate does not have optimum conditions. DOBAU®- Primer is recommended as a primer for cold self-adhesive bitumen sealing membranes. No primer is required for clean and dry plastic-coated, painted or unpainted trapezoidal steel profiles. The overlaps of the longitudinal seams must be glued over the entire surface by pressing down with a man load or a pressure roller. Especially at the cross seams, care must be taken that the underlying web is tightly stretched to avoid sagging. Pressing the overlaps with a rubber slider is not sufficient. The insulation can be applied both mechanically and by bonding with a polyurethane liquid adhesive.

DOBAU®- Dampfsperrbahn BLR can be used as an flexible sheet for emergency waterproofing for approx. 6 weeks. There should be a sufficient roof drainage. The tread resistance is maintained. The vapor barrier membrane does not replace a regular waterproofing.

Central Sales

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Technical data

Fire behaviour:	Class E	DIN EN 13501-1
Heating value:	< 10,500 kJ/m ²	DIN 51900-1
Maximum tensile force lengthways/crossways:	> 200 N/50 mm	DIN 12311-1
Expansion lengthways/crossways:	> 20 %	DIN 12311-1
Shear resistance lengthways/crossways:	> 200 N/ 50 mm	DIN 12317-1
Cold bending behaviour:	≤ -20 °C	DIN EN 1109
Heat resistance:	≥ 100 °C	DIN EN 1110
Watertightness:	> passed	DIN EN 1928
Water vapour permeability:	sd > 1500 m	DIN EN 1931
Application temperature:	-5 °C to +30 °C	
Substrate temperature:	+5 °C to + 25 °C	

Dimensions/Roll

Thickness:	0.25 ± 0.05 mm
Width:	1.08 m
Length:	50 m

Weight/Roll

approx. 20 kg

Consumption

1.08 m per m² with 8 cm overlap

Storage

Min. 12 months shelf if unopened in the original carton. Protect from direct sunlight, keep cool and dry. To ensure optimum adhesion even in the cold season, the rolls should be stored in a frost-protected room and only removed shortly before use.

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.

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