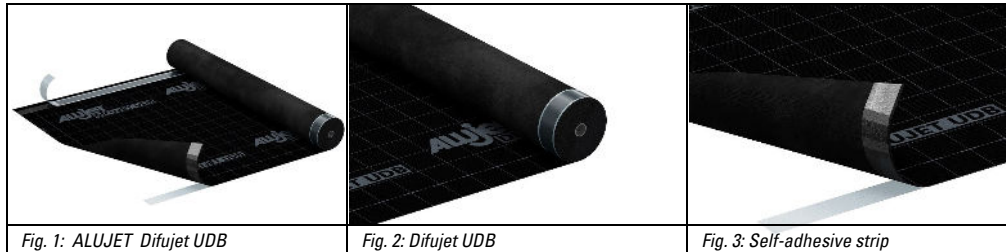


ALUJET Difujet UDB

Product description

- ▶ The ALUJET Difujet UDB membrane is a 3-layer permeable sarking membrane and underlay membrane. The 3-layer composite fleece and film membrane made of UV-stabilised special polyolefin fleeces meets the requirements of CE EN 13859-1 and the latest ZVDH guidelines.



Product benefits

- ▶ Permeable; suitable for temporary roofing purposes; use the highest quality fleeces; 3-layer nonwoven composite; reaction to fire class E according to DIN EN 13501-1; slip resistance; safe to walk on.

Area of application

- ▶ For use on sheathed and unsheathed pitched roof constructions with or without heavy-duty roof insulation.

Technical data

Test	Standard	Unit	Value
Reaction to fire	EN 13501-1 / EN 11925-2	Class	E
Weight / mass	EN 1848-2	g / m ²	150 (-10 / +10)
Temperature resistance		°C	-40 bis +90
Processing temperature		°C	from +5
Water resistance	EN 20811	mm	≥ 2.800
Sd-Value	EN 12572 / EN 1931	m	0,02 (-0,01 / +0,015)
Resistance to water penetration	EN 1928 / EN 13111	---	W1
Tensile elongation longitudinal	EN12311-1 / EN 13859-1	N / 50 mm	310 (-40 / +40)
Tensile elongation transversal	EN12311-1 / EN 13859-1	N / 50 mm	230 (-30 / +30)
Elongation longitudinal	EN12311-1 / EN 13859-1	%	45 (-15 / +35)
Elongation transversal	EN12311-1 / EN 13859-1	%	80 (-25 / +40)
Tear resistance longitudinal	EN12310-1 / EN 13859-1	N	180 (-30 / +45)
Tear resistance transversal	EN12310-1 / EN 13859-1	N	190 (-35 / +75)
Cold bending behaviour	EN 1109 / EN 495-5	°C	-20
ZVDH product data sheet		Table 1	UDB / USB
UV-resistance*		Month	3
Temporary roofing		Weeks	3

Test After aging (90°C)	Standard	Unit	Value
Tensile elongation longitudinal	EN12311-1 / EN 13859-1	N / 50 mm	280 (-55 / +40)
Tensile elongation transversal	EN12311-1 / EN 13859-1	N / 50 mm	190 (-35 / +40)
Elongation longitudinal	EN 13859-1 / Beilage C	%	35 (-15 / +40)
Elongation transversal	EN 13859-1 / Beilage C	%	65 (-30 / +40)
Resistance to water penetration	EN 13859-1 / Beilage C	---	W1

Processing

▶ The ALUJET Difujet UDB is laid parallel to the eaves without producing any tension. It is fastened using staples in concealed areas or using clout nails driven over the adhesive strip. With the ALUJET Difujet UDB, the adhesive area to adhesive area bond between the overlap is executed using self-adhesive strips. In variants without a self-adhesive strip, the ALUJET Difujet UDB can be taped to the overlap using a suitable single-sided adhesive tape.

Non-ventilated roof structure:
The membrane is laid over the ridge vertex.

Ventilated roof structure:
The membrane ends approx. 30 mm below the ridge vertex and is covered with an approx. 60 cm wide shroud stretched over the counter battens for ventilation and rain-proofing purposes.

To ensure the properties of the membrane, overlaps and penetrations must be taped up in accordance with the requirements. To prevent the penetration of moisture from nails and screws, we recommend the use of additional nail-sealing measures. If the membrane is to be used as a temporary covering, an additional nail-sealing measure must be used.

In the eaves area, the membrane ends on the eaves flashing or underneath the gutter board. The membrane must not protrude from the structure. We recommend proper taping of the membrane at the eaves flashing and drip plate. At the vergo, the ALUJET Difujet UDB must be extended as far as possible to the outside, extended upwards right under the last counter batten and fastened.

Regulations of the German roofing trade, as amended, shall apply. These are subject to change without notice.

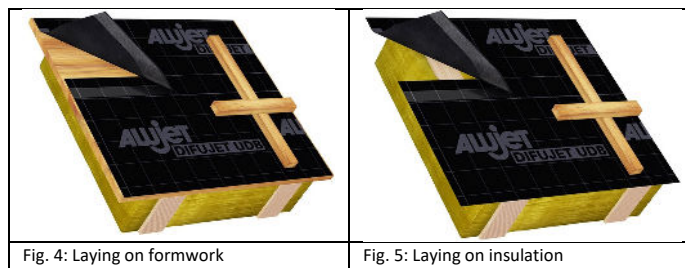


Fig. 4: Laying on formwork

Fig. 5: Laying on insulation

Specification

Self-adhesive strips	Included	without
Width:	3.000 mm	3.000 mm
Length:	50 m	50 m
Roll content:	75 m ²	75 m ²
Pallet content:	20 rolls	20 rolls

System components

▶ ALUJET Difutape; ALUJET Difutape BLACK; ALUJET Nageldichtung PE; ALUJET Allfixx; ALUJET Sprühfixx; ALUJET Kabelmanschette; ALUJET Rohrmanschette.

Storage

▶ Without exposure to UV radiation, this could permanently reduce the properties of the material.

Notes

	 <p>14 EN 13859-1 / 13859-2 Leistungserklärung Nr. LE-10003-000-1546</p>
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