ALUJET Topjet

Product discription

ALUJET Topjet is a 3-layer vapour barrier film that meets all the requirements for professional installation on pitched and flat roofs. Only high-quality granulates are used in the manufacture of this composite film. Regrinds to reduce the Sd value, for example, are not used here. With its special combination of materials and production possibilities, ALUJET Topjet represents a new generation of PE vapour barrier films.

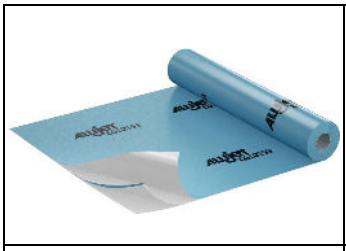

Fig. 1: ALUJET Topjet

Fig. 2: ALUJET Topjet

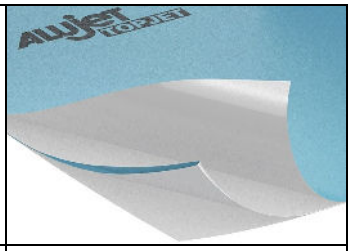

Fig. 3: Colour blue/white

Product

B2 according to DIN 4102; E according ot DIN EN 13501-1; Sd-Value > 100 m; easy to use
High tear strength; low weight; meets the requirements of DIN 18234

Area of application

The vapor barrier / vapor retarder for use in pitched roofs from the inside, in flat roofs on the upper chords as well as for use in walls / wall modules, taking into account the physical building conditions.

Technical data

Test	Standard	Unit	Value
Reaction to fire	EN 13501-1 / EN 11925-2	---	E
Weight / mass	EN 1848-2	g / m²	ca. 118
Calorific value		kJ/m²	< 5.300
Sd-Value	EN 12572 / EN 1931	m	≥ 100
Tensile elongation longitudinal	EN12311-1 / EN 13859-1	N / mm²	≥ 155
Tensile elongation transversal	EN12311-1 / EN 13859-1	N / mm²	≥ 150
Elongation longitudinal	EN12311-1 / EN 13859-1	%	>800
Elongation transversal	EN12311-1 / EN 13859-1	%	>900
Tear resistance longitudinal	EN 12310-1	N	>110
Tear resistance tranversal	EN 12310-1	N	>100
Dart Drop		g	>175
Colour			Blue/white

Specification

Width:	4.000 mm	2.000 mm	2.000 mm
Length:	25 m	50 m	25 m
Roll conten:	100 m²	100 m²	50 m²
Pallet content:	50 rolls	50 rolls	100 rolls

Processing

Pitched roof:

The ALUJET Topjet is to be installed parallel or vertically to the rafters., starting at adjacent components (gable end). It must be ensured that the vapour barrier film overhangs by about 20-30 cm in the area of adjacent components (gable end, knee wall, ridge purlin).

Fastening of the vapour barrier film begins with the closest rafter to the gable end and is carried out by stapling at intervals of approx. 15 cm. This fastening is continued at each rafter. It must be ensured that the ALUJET Topjet is installed without resulting in any tension.

The overlaps at the end and beginning of the film should be positioned so that they are located directly on the rafters with an overhang of 10 cm. The ALUJET Topjet is not stabilised against UV rays.

When using mat and panel type insulation materials, tensile stresses on the adhesive tape joints are to be expected (e.g. due to the weight of the insulation material). Therefore, additional supporting battens may be necessary on the overlap bond.

Flat roof:

The ALUJET Topjet is laid parallel to the crowns of the profiled sheet. Side laps and end laps are arranged with an overlap of at least 8 cm. It is possible to fix the membrane to the substrate with the double-sided adhesive tape ALUJET Super PE.

The overlaps are bonded on the crown by applying the ALUJET Super PE or ALUJET Super PE Plus tape between the overlapping membranes using rollers or through compression. To prevent faulty bonds, the ALUJET Topjet is applied without tensile and shearing forces.

Fig. 4: ALUJET Topjet in the pitched roof

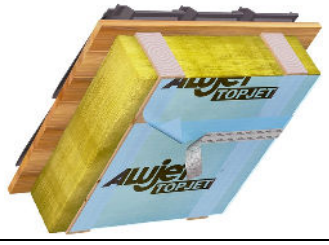

Fig. 5: Bonding of the overlap in the pitched roof

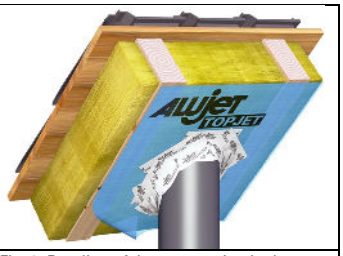

Fig. 6: Bonding oft he penetration in the pitched roof

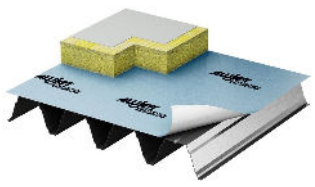

Fig. 6: ALUJET Topjet in a flat roof

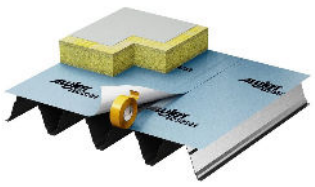

Fig. 7: Bonding oft he overlap in the flat roofh

System components

Pitched roof: ALUJET Difutape; ALUJET Alusan; ALUJET Alucral; ALUJET Dichtjet; ALUJET Allfixx. Flat roof: ALUJET Super PE; ALUJET Super PE Plus.

Storage

Without exposure to UV radiation. This could permanently reduce the properties of the material.

Hinweise

CE
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EN 13984
DOP No.
LE-10019-000-1326