

ALUJET Fassadenbahn

Product- discription

- ▶ The ALUJET Fassadenbahn, made from a polyester fleece with multiple coatings, is used directly behind open or partially-open facades. The membrane is configured so that UV rays and weather effects in the vicinity of the facade do not affect the membrane's technical properties. In this way, the ALUJET façade membrane protects the façade from moisture and wind.

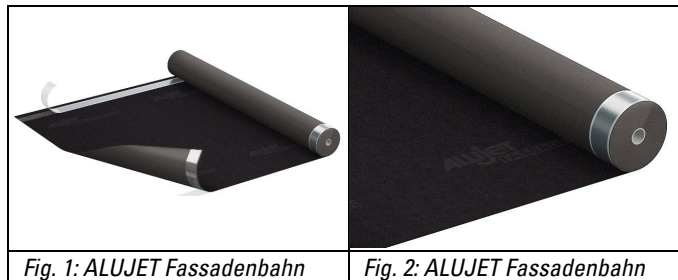


Fig. 1: ALUJET Fassadenbahn

Fig. 2: ALUJET Fassadenbahn

Product benefits

- ▶ Without joint limitation; PES fleece with multiple coatings; UV-resistant; Permeable; Weather-resistant

Area of application

- ▶ On facades underneath open or partially-open facade constructions

Technical data

Test	Standard	Unit	Value
Reaction to Fire	EN 13501-1 / EN 11925-2		B-s1, d0
Sd-Value	EN 12572 / EN 1931	m	0,04 (-0,02/+0,02)
Weight	EN 1849-2	g	210 (-20/+20)
Resistance to water penetration	EN 1928 / EN 13111		W1
Longitudinal tensile elongation	EN 12311-1 / EN 13859-2	N/50mm	300 (-70/+70)
Transverse tensile elongation	EN 12311-1 / EN 13859-2	N/50mm	200 (-30/+70)
Longitudinal elongation	EN 12311-1 / EN 13859-2	%	25 (-15/+10)
Tranverse elongation	EN 12311-1 / EN 13859-2	%	25 (-15/+10)
Longitudinal tear propagation resistance	EN 12310-1 / EN 13859-2	N	120 (-20/+30)
Transverse tear propagation resistance	EN 12310-1 / EN 13859-2	N	120 (-20/+30)
Dimensional stability	EN 1107-2	%	<1
Cold bending	EN 1109 / EN 495-5	°C	-40
Resistance to air permeability	EN 12114 / EN 13859-2	m ³ /m ² .h.50Pa	<0,03
Processing temperature		°C	from -5
Temperature resistance		°C	-40 up to +100
Hydrostatic pressure test	EN 20811	cm	>100
Nach künstlicher Alterung:			
Longitudinal tensile elongation	EN 12311-1 / EN 13859-2	N/50mm	290 -70/+70
Transverse tensile elongation	EN 12311-1 / EN 13859-2	N/50mm	190 -30/+70
Longitudinal elongation	EN 12311-1 / EN 13859-2	%	20 -10/+10
Tranverse elongation	EN 12311-1 / EN 13859-2	%	20 -10/+10
Resistance to water penetration	EN 1928 / EN 13111		W1

Processing ▶ The ALUJET Fassadenbahn is laid directly on the insulating material or on the formwork horizontally with the coated side facing outwards. Ensure that installation does not result in any tension.

The membrane is fastened to the covered area with staples or nails driven over the adhesive strip. The adhesive area to adhesive area bond between the overlap is executed on a pressure-resistant substrate. End laps are taped with the ALUJET Allfixx applied between the overlap using the wet process.

The bond is permanently fixed by inserting a batten. Nailed joints, penetrations and stapled areas are sealed with the ALUJET Difutape BLACK. In case of extensive damage, the membrane will have to be replaced from batten to batten.

Specification ▶ Roll width: 1.500 mm
Roll length: 50 m
Pallet content: 20 rolls

System-components ▶ ALUJET Difutape BLACK; ALUJET Allfixx.

DGNB ▶ As an independent third party, the Sentinel Haus Institut confirms the conformity of the product with the requirements of the DGNB profile ENV1.2 "Risks for the local environment" (version 2023). No criteria for the avoidance of pollutants are currently defined by the DGNB for this product type, so no evidence needs to be provided. The product is therefore suitable for use in all DGNB new-build projects.

Notes ▶

<p>14 EN 13859-2 Leistungserklärung Nr. (LE10008-000-1501)</p>		<p>GEV-EMICODE PLUS seit emissionsam</p>	<p>QNG READY SENTINEL HAUS INSTITUT</p>	<p>ALUJET 20 YEARS WARRANTY</p>
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