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. Bonds adhesive area to adhesive area, emphasises quality.

Fig. 1: ALUJET Fassadenbahn

Fig. 2: ALUJET Fassadenbahn

Product benefits

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		E
Sd-Value	EN 12572 / EN 1931	m	Approx. 0,04
Weight	EN 1849-2	g	Approx. 210 g
Resistance to water penetration	EN 1928 / EN 13111		W1
Longitudinal tensile elongation	EN 12311-1 / EN 13859-2	N/50mm	Approx. 300
Transverse tensile elongation	EN 12311-1 / EN 13859-2	N/50mm	Approx. 200
Longitudinal elongation	EN 12311-1 / EN 13859-2	%	Approx. 25
Tranverse elongation	EN 12311-1 / EN 13859-2	%	Approx. 25
Longitudinal tear propagation resistance	EN 12310-1 / EN 13859-2	N	Approx. 120
Transverse tear propagation resistance	EN 12310-1 / EN 13859-2	N	Approx. 120
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
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	Approx. 290
Transverse tensile elongation	EN 12311-1 / EN 13859-2	N/50mm	Approx. 190
Longitudinal elongation	EN 12311-1 / EN 13859-2	%	Approx. 20
Tranverse elongation	EN 12311-1 / EN 13859-2	%	Approx. 20
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 facade tape. 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
Palette content:	20 rolls

System-components

ALUJET Difutape BLACK; ALUJET Allfixx.

Notes

CE 14 EN 13859-2

ALUJET 20 YEARS WARRANTY