ALUJET Climajet SD DUO

Product discription

The ALUJET Climajet SD DUO is an airtight, breathable and extremely robust vapor barrier for roof finishing and drywall construction..

Fig. 1: ALUJET Climajet SD DUO

Fig. 2: ALUJET Climajet SD DUO

Product benefits

For new buildings and dry construction. UV-stable for 3 months when used indoors; extremely stable and tear-resistant; breathable; suitable for blow-in insulation; moisture-regulating

Special strength

For new construction and drywall. UV-stable for 3 months in indoor use; extremely stable and tear-resistant; breathable; suitable for blow-in insulation; moisture-regulating.

Area of application

The ALUJET Climajet SD DUO is a vapor barrier for roof finishing and drywall construction.

Technical data

Test	Standard	Unit	Value
Reaction to fire	DIN EN 13501-1		E
Sd-Value		m	2 ±1
Thickness		mm	ca. 0,35
Weight / mass		g	120 ±10
Tensile elongation longitudinal	EN 12311-1	N / 50 mm	>180
Tensile elongation transversal	EN 12311-1	N / 50 mm	>170
Elongation longitudinal	EN 12311-1	%	>50
Elongation transversal	EN 12311-1	%	>60
Tear resistance longitudinal	EN 12310-1	N	>150
Tear resistance transversal	EN 12310-1	N	>150
Resistance to water penetration	EN 1928		bestanden
Durability against artificial aging	EN 1296 / EN 1931		bestanden
Temperature resistance		°C	-40 bis +80
UV resistance (indoor use)		Monate	3

Specification

Width:	1.500 mm
Length:	50 m
Roll content:	75 m²

Processing

Internal installation

The ALUJET Climajet SD2 is laid in strips with the unprinted fleece facing the insulation side, on the "warm" side of the thermal insulation, and stapled to the rafters and fastened with the battens. The vapour seal is laid without producing any tension and without being subjected to tensile or shearing forces. It can be laid either at right angles or parallel to the rafters. Longitudinal overlaps must be made up to the dotted overlap line (10 cm) of the sheet. Side overlaps of at least 200 mm must be ensured. Vertical overlaps must always occur at a rafter. Vertical overlaps must always be executed on a rafter. Bonding of overlaps, penetrations and window connections must be made airtight using ALUJET Difutape, ALUJET Alusan or Alucral (the installation instructions for the products must be observed). Joints on existing components must be bonded with ALUJET Dichtjet or ALUJET Allfixx. When using mat and board-shaped insulating materials (e.g. due to the weight of the insulating material), tensile loads on the adhesive tape joints are to be expected, therefore additional support battens may be required on the overlap bonding.

Storage

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

System-components

ALUJET Unterdeck- und Unterspannbahnen; ALUJET Difutape; ALUJET Alusan; ALUJET Alucral; ALUJET Dichtjet; 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

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EN 13984
Leistungserklärung Nr.
LE-10045-000-2003

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