DASAPLANO 0,01 connect

Airtightness membrane for roof retrofits from the outside, with self-adhesive strips



Technical data

	Material
Protective and covering fleece	Polypropylene microfibre
Functional film	Monolithic polymer mixture
Self-adhesive strips	Water-resistant SOLID adhesive

Property	Regulation	Value
Colour		Light blue
Surface weight	EN 1849-2	145 g/m² ; 0.48 oz/ft²
Thickness	EN 1849-2	0.50 mm ; 20 mils
Water vapour resistance factor μ	EN ISO 12572	20
sd value, humidity-variable	EN ISO 12572	0.01 m
g value, humidity-variable	EN ISO 12572	0.05 MN·s/g
Vapour permeance, humidity-variable	EN ISO 12572	330 perms
Reaction to fire classification	EN 13501-1	E
Outdoor exposure, pitched roofs ≥14°(3:12)		3 months
Outdoor exposure on retrofits betw. 2 insulation layers		14 days ; 7 days at ≤10 °C (≤50 °F)
Watertight joints with 'connect' adhesive strips or TESCON tape	EN 13859-1	W1
Roofing underlay category (Germany)	ZVDH-Produktdatenblatt 2024	USB / UDB
Suitable as temporary roof covering (Germany)	ZVDH	Yes
Watertightness to liquid water	EN 1928	W1
Water column	EN ISO 811	> 2 500 mm ; 8' 2"
Airtightness	EN 12114	Tested
Tensile strength MD/CD	EN 12311-2	270 N/5 cm / 200 N/5 cm ; 31 lb/in / 23 lb/in
Elongation MD/CD	EN 12311-2	55% / 70%
Nail tear-resistance MD/CD	EN 12310-1	150 N / 150 N
Durability after artificial ageing	EN 1297 / EN 1296	Passed
Adhesion of 'connect' strips		Above +0 °C ; 32 °F
Temperature resistance, permanent	EN 1109, EN 1296, EN 1297	-40 °C to 100 °C ; -40 °F to 212 °F
Thermal conductivity		0.04 W/(m·K) ; 0.3 BTU·in/(h·ft²·°F)
CE labelling	EN 13984 / EN 13859-1	Yes

Areas of application

For use as an airtightness membrane that can be subjected to outdoor exposure on roof retrofits from the outside in the case of full packing of the existing spaces between the rafters with insulation. Installation over the rafters, underneath an additional layer of over-rafter insulation consisting of wood-fibre underlay panels. Please contact Technical Support at pro clima in Germany for assistance with calculating the thickness of the external wood-fibre insulation that is required from a building physics viewpoint.

Also available as a **pre-fabricated sheet** for your roofing project in Germany, Switzerland, Austria, France, the Netherlands and Belgium with the pro clima **made-to-order cutting and bonding service**!

Supply forms

Art. no.	Length	Width	Contents	Weight	Sales unit	Container	GTIN
14086	50 m	1.5 m	75 m²	12 kg	1	20	4026639140869

Advantages

- ✔ Simple implementation of the airtightness layer: installation over rafters and insulation
- ✔ Dry and well-protected building structures thanks to active moisture transport
- ✔ Protection during the construction phase: suitable as a temporary covering
- ✔ Made-to-order cutting and bonding service available
- ✔ Quick and reliable adhesion thanks to the integrated 'connect' self-adhesive strips on the long edges of the membrane
- ✔ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

General conditions

DASAPLANO 0,01 connect is to be installed with the printed side facing the installation technician. The membrane is to be installed horizontally (parallel to the eave) in a taut manner, covering over the compartment insulation.

If DASAPLANO 0,01 connect is subject to outdoor exposure or rain, the membranes must be installed perpendicular to the water run-off direction. This will ensure better protection of the building structure against moisture penetration.
To avoid condensation formation, the thermal insulation cover should be installed immediately after airtight adhesion of DASAPLANO 0,01 connect. This applies particularly to work carried out in winter.

Airtight seals can only be achieved on vapour control (alternate terms: vapour check or retarder) membranes that have been fitted with no folds or creases.

A normal indoor residential climate is present for the entire duration of the roof refurbishment work.

Note: Please contact Technical Support at pro clima in Germany for assistance with calculating the thickness of the external wood-fibre insulation that is required from a building physics viewpoint.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes missions)









The applications and conditions described here are based on current research findings and practical experience. We reserve the right to change the recommended application designs and installation methods and to develop and thus change the properties and quality of individual products. We would be glad to inform you about the current state of engineering knowledge at the time that your installation is carried out.

The planning documentation that is available from pro clima provides further information about installation methods and design details. If you have questions, please contact pro clima Technical Support in Germany at +49 6202 278245.

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