DASAPLANO 0,01 connect

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

Technical data

	Material
Protective and covering fleece	Polypropylene microfibre
Membrane	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		0.05 MN·s/g
Vapour permeance, humidity-variable	EN ISO 12572	330 perms
Fire rating	EN 13501-1	E
Outdoor exposure for pitched roofs with pitch ≥14° (≥3:12)		3 months
Outdoor exposure for refurbishment betw. 2 insulation layers		14 days ; 7 days at ≤10 °C (≤50 °F)
Watertight joints with 'connect' adhesive strips or TESCON VANA tape	EN 13859-1	W1
Sarking/roofing underlay membrane (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
Temperature resistance		Permanent -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 for roof refurbishment from the outside in the case of full packing of the existing spaces between the rafters with insulation. Installation across 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.

Supply forms

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

Further information about installation and design details is available in the pro clima planning documentation. If you have any questions, please contact [pro clima Technical Support](https://proclima.com/service/technical-support).

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pro clima®

Advantages

- ✔ Simple implementation of the airtight layer: installation across rafters and insulation
- ✔ Dry and reliably protected building components thanks to active moisture transport
- ✔ Protection during the construction phase: suitable as a temporary covering
- ✔ Quick and reliable adhesion thanks to the integrated 'connect' self-adhesive strips along the membrane strips
- ✔ 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 check membranes that have been fitted with no folds or creases.

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

ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ A+ A B C

*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)

Made in Germany developed and produced by pro clima

Tested for hazardous substances according to ISO 16000

CE 12 EN 13984

UK CA

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