



Technical data

		Material
Protective and covering fleece		Polypropylene
Membrane		Polyethylene copolymer

Property	Regulation	Value
Colour		Light grey
Surface weight	EN 1849-2	150 g/m ² ; 0.45 oz/ft ²
Thickness	EN 1849-2	0.45 mm ; 18 mils
Water vapour resistance factor μ	EN 1931	31 100
sd value	EN 1931	14 m
sd value, humidity-variable	EN ISO 12572	0.25 - >25 m
g value		70 MN-s/g
g value, humidity-variable		1.25 - >125 MN-s/g
Vapour permeance	ASTM E96-A	0.23 perms
Vapour permeance, humidity-variable	EN ISO 12572	< 0.13 - 13 perms
Hydrosafe value (sd)	DIN 68800-2	2 m
Surface burning characteristics	ASTM E84	
Fire rating	EN 13501-1	E
Outdoor exposure		2 months
Driving rain test	ZVDH	Passed
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	250 N/5 cm / 170 N/5 cm ; 29 lbf/in / 19 lbf/in
Elongation MD/CD	EN 12311-2	60% / 60%
Nail tear resistance MD/CD	EN 12310-1	120 N / 120 N ; 27 lbf / 27 lbf
Durability after artificial ageing	EN 1296	Passed
Temperature resistance		Permanent -40 °C to 80 °C ; -40 °F to 176 °F
Thermal conductivity		0.04 W/(m·K) ; 0.3 BTU·in/(h·ft ² ·°F)
CE labelling	EN 13984	Yes

Areas of application

Strip for sealing over joints, e.g. at floor joints with concrete floors/ceilings, on wood-based panels, for use on the middle purlin (between middle purlin and rafters) for sealing with an adjacent airtight membrane, or as a repair strip for sealing leaks in a roof, wall, ceiling or floor.

Supply forms

Art. no.	GTIN	Length	Width	Contents	Weight	Sales unit	Container
1AR03288	4026639232885	50 m	0.375 m	18.75 m ²	2.9 kg	1	80
1AR03290	4026639232908	50 m	0.5 m	25 m ²	3.8 kg	1	40
1AR03291	4026639232915	50 m	0.75 m	37.5 m ²	5.7 kg	1	20
1AR03305	4026639233059	50 m	0.21 m	10.5 m ²	1.6 kg	4	96

Advantages

- ✓ Time-saving installation: vapour check strips are pre-cut
- ✓ Also suitable for building components with short-term moisture effects
- ✓ Construction in adherence with standards: for airtight sealing in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✓ Protection in rough everyday building site environments thanks to robust fleeces
- ✓ Excellent protection for building components thanks to humidity-variable diffusion resistance
- ✓ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

Substrates

Clean subsurfaces before sticking. Mineral surfaces (plaster or concrete) may be slightly moist. Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on surfaces where adhesives are to be applied. They must have sufficient stability – if necessary, a mechanical support (pressure lath) must be used (e.g. on crumbling subsurfaces).

Permanent adhesion can be achieved using the TESCON VANA or TESCON No. 1. adhesive tapes on all pro clima membranes, PE, PA, PP and aluminium sheeting, planed and painted wood, hard plastics and rustproof metal (e.g. pipes, windows), and hard wood-based panels (chipboard, OSB, plywood and MDF panels).

Use ORCON F, ORCON CLASSIC or ORCON MULTIBOND for adhesive sealing to rough subsurfaces (e.g. rough wood) or mineral subsurfaces (e.g. plaster or concrete).

It is your responsibility to check the suitability of the subsurface; adhesion tests are recommended in certain cases.

General conditions

pro clima INTELLO conneX is to be installed with the printed side facing the installation technician. Adhesive bonds must not be subjected to tensile forces. Do not press applied lines of adhesive completely flat – rub adhesive tapes firmly to secure the adhesive bond. Ensure that there is sufficient resistance pressure.

Airtight seals can only be achieved on vapour check (*alternate terms: vapour control or retarder*) membranes that have been fitted with no folds or creases. Ventilate regularly and systematically to prevent build-up of excessive humidity (e.g. during the construction phase). Occasional, intermittent ventilation is not sufficient to remove large quantities of moisture due to construction work from a building; use a dryer if necessary.



*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 émissions)

Tested for hazardous substances according to



Made in Germany

developed and produced by



The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommended designs and processing or to make alterations due to technical developments and associated improvements in the quality of our products. We would be happy to inform you of the current technical state of the art at the time you use our products.

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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