



Technical data

		Substance
Protective and covering fleece		Polypropylene
Membrane		Polyethylene copolymer
Property	Regulation	Value
Colour		green
Surface weight	EN 1849-2	90 g/m ² ; 0,29 oz/ft ²
Thickness	EN 1849-2	0,25 mm ; 10 mils
Water vapor resistance factor μ	EN 1931	6 400
sd value	EN 1931	1.60 m
sd value, humidity variable	EN ISO 12572	0.05 - 2 m
g value		8 MN-s/g
g value, humidity variable		0.25 - 10 MN-s/g
Vapour permeance	ASTM E 96	2.05 US perms
Vapour permeance, humidity variable	EN ISO 12572	1.6 - 66 US perms
Fire rating	EN 13501-1	E
Outdoor exposure		4 weeks
Water column	EN ISO 811	> 1 500 mm ; > 4' 11"
Water tightness to liquid water	EN 1928	W1
Airtightness	EN 12114	tested
Tensile strength MD/CD	EN 12311-2	195 N/5 cm / 105 N/5 cm ; 22 lb/in / 12 lb/in
Elongation MD/CD	EN 12311-2	90 % / 90 %
Nail tear resistance MD/CD	EN 12310-1	120 N / 105 N ; 27 lbf / 24 lbf
Durability after artificial ageing	EN 1296 / EN 1931	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

Application

Suitable as a sub-and-top vapour check and airtight membrane for all structures with permeable underlay and sarking membranes (e.g. pro clima SOLITEX) in accordance with DIN 4108-3. The s_d value of the underlay membrane on the decking may be a maximum of 0.2 m (g value: 1 MN-s/g ; 16.4 US perms). Also suitable in combination with wood-fibre underlay panels and MDF panels, and with fleece-laminated foam insulation materials (PUR, PIR, EPS etc.) with a thickness of 50 mm (2") and greater.

Advantages

- ✓ Best possible reliability thanks to sub-and-top installation
- ✓ Protects building components: humidity-variable s_d value allows for installation in spaces between rafters and across rafters
- ✓ Time-saving installation: no adhesion to rafters required
- ✓ No insulation cover necessary
- ✓ Easy to work with: particularly robust thanks to fleece reinforcement
- ✓ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

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 the application and construction can be found in the pro clima planning documentation. For queries please call the pro clima technical hotline on +49 (0)6202 278245.

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General conditions

pro clima DASATOP is to be installed with the printed side facing the installation technician. It is to be installed horizontally (parallel to the eave). Alternatively, it can be installed parallel to the rafters if adhesion to the rafters is carried out in a waterproof manner. The weight of the insulation material must be supported by suitable interior cladding or cross battens at a separation distance of a maximum of 25 cm (~10").

To avoid condensation formation, the thermal insulation should be installed immediately after airtight adhesion of DASATOP. This applies particularly to work carried out in winter.

DASATOP may only be installed on dry building sites. If plastering or screed-laying work is to be carried out as part of renovation projects, these must be completed long in advance of the installation of DASATOP.

Airtight adhesion can only be achieved on vapour checks that have been fitted with no folds or creases.

If blown-in insulation is used, DASATOP must be present on the entire area of the inner cladding.



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