DASATOP

Refurbishment vapour check for 'sub-and-top' installation from the outside

Technical data

	Material
Protective and covering fleece	Polypropylene
Membrane	Polyethylene copolymer

Property	Regulation	Value
Colour		Green
Surface weight	EN 1849-2	90 g/m² ; 0,29 oz/ft²
Thickness	EN 1849-2	0,25 mm ; 10 mils
Water vapour 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 perms
Vapour permeance, humidity-variable	EN ISO 12572	1.6 - 66 US perms
Fire rating	EN 13501-1	E
Outdoor exposure		4 weeks
Watertightness to liquid water	EN 1928	W1
Water column	EN ISO 811	> 1 500 mm ; > 4' 11"
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	110 N / 105 N ; 25 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·ft²·°F)
CE labelling	EN 13984	Yes

Areas of application

Suitable as a 'sub-and-top' vapour check and airtight membrane for all structures with diffusion-open roofing underlay membranes (e.g. pro clima SOLITEX). If the roofing underlay membrane is installed onto sheathing, the maximum permitted s_d value of the underlay is 0.2 m (maximum g value: 1 MN·s/g ; minimum perm rating: 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.

Supply forms

Art. no.	GTIN	Length	Width	Contents	Weight	Sales unit	Container
10094	4026639011206	50 m	1.5 m	75 m²	7 kg	1	20
10723	4026639011978	50 m	3 m	150 m²	14 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

- ✔ Best possible reliability thanks to 'sub-and-top' installation
- ✔ Protects building components: humidity-variable s_d value allows for installation into the spaces between rafters and over the tops of the 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

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 installation 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 seals can only be achieved on vapour-check membranes that have been fitted with no folds or creases.

If blown-in insulation is used, DASATOP must be installed directly onto the entire area of the inner cladding.

Tested for hazardous substances according to ISO 16000

CE 07 EN 13984

UK CA

Made in Germany developed and produced by pro clima

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