



### Technical data

|                                |  | Material               |
|--------------------------------|--|------------------------|
| Protective and covering fleece |  | Polypropylene          |
| Functional film                |  | Polyethylene copolymer |

  

| Property                             | Regulation              | Value   |
|--------------------------------------|-------------------------|---|
| Colour                               |                         | Green   |
| Surface weight                       | BS EN 1849-2            | 100 g/m <sup>2</sup>                              |
| Thickness                            | BS EN 1849-2            | 0,25 mm ; 10 mils                                 |
| Water vapour resistance factor $\mu$ | BS EN 1931              | 6 400   |
| sd value                             | BS EN 1931              | 1.60 m  |
| sd value, humidity-variable          | BS EN ISO 12572         | 0.05 - 2 m  |
| g value                              |                         | 8 MN-s/g  |
| g value, humidity-variable           |                         | 0.25 - 10 MN-s/g                                  |
| Fire class                           | BS EN 13501-1           | E   |
| Outdoor exposure                     |                         | 4 weeks   |
| Watertightness to liquid water       | BS EN 1928              | W1  |
| Water column                         | BS EN ISO 811           | > 1 500 mm  |
| Airtightness                         | BS EN 12114             | Tested  |
| Tensile strength MD/CD               | BS EN 12311-2           | 195 N/5 cm / 105 N/5 cm ; 22 lb/in / 12 lb/in     |
| Elongation MD/CD                     | BS EN 12311-2           | 90% / 90%   |
| Nail tear resistance MD/CD           | BS EN 12310-1           | 110 N / 105 N ; 25 lbf / 24 lbf                   |
| Durability after artificial ageing   | BS EN 1296 / BS 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 <sup>2</sup> ·°F) |
| CE labelling                         | BS EN 13984             | Yes   |

### Areas of application

Suitable as a 'sub-and-top' vapour check (alternate terms: vapour control or retarder) membrane 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 and greater.

### Supply forms

| Art. no. | GTIN          | Length | Width | Contents           | Weight | Sales unit | Container |
|----------|---------------|--------|-------|--------------------|--------|------------|-----------|
| 10094    | 4026639011206 | 50 m   | 1.5 m | 75 m <sup>2</sup>  | 7 kg   | 1          | 20        |
| 10723    | 4026639011978 | 50 m   | 3 m   | 150 m <sup>2</sup> | 14 kg  | 1          | 20        |

### 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.

## Datasheet DASATOP

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 (alternate terms: vapour control or retarder) 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.



\*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



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 application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and UK:

Phone: +353 46 9432104

Fax: +353 46 9432435

[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)

### For Stockists contact

#### Ireland

Phone: +353 (0)46 9432104

Fax: +353 (0)46 9432435

#### UK

Phone: +44 (0)1228 711 511

Fax: +44 (0)1228 712 280

### Ecological Building Systems

[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)

[www.ecologicalbuildingsystems.com](http://www.ecologicalbuildingsystems.com)

### MOLL bauökologische Produkte GmbH

Rheintalstraße 35 - 43

68723 Schwetzingen

Germany

[www.proclima.com](http://www.proclima.com)

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For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

**As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.**



**Call us**

**Great Britain** +44 (0)1228 711511

**Ireland** +353 46 9432104



**Email us**

[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)



**Find us**

**Great Britain** Ecological Building Systems UK Ltd.,  
Cardewlees, Carlisle, Cumbria, CA5 6LF,  
United Kingdom

**Ireland** Ecological Building Systems Ltd.,  
Main Street, Athboy. Co. Meath, C15 Y678,  
Republic of Ireland