



### Technical data

Material		
Backing	Special PP fleece	
Adhesive	Water-resistant SOLID adhesive	
Release film	Silicone-coated paper	

  

Property	Regulation	Value
Colour		Dark blue
Outdoor exposure		6 months
Bond durability, non-aged/aged	DIN 4108-11 / EN 17990	Passed
Can be plastered over		Yes
Application temperature		Above -10 °C ; +14 °F
Temperature resistance		Permanent -50 °C to 90 °C
Storage		Cool and dry
Passive House Certification	Passivhaus Institut	phA

### Areas of application

Interior use: Airtight taping of vapour control and airtight membranes and of airtight wood-based panels.

Exterior use: Windproofing and rainproofing of roofing underlay and breather membranes (e.g. SOLITEX) and underlay panels. Airtight taping of on-roof and refurbishment vapour control and airtight membranes.

All taped joints, indoor and outdoor, can be implemented between similar components or else with adjacent structural elements with a smooth, non-mineral surface (e.g. pipe penetrations, roof windows).

### Supply form

Art. no.	Length	Width	Splits on release film	Weight	Sales unit	Container	GTIN
1AR02070	30 m	60 mm	No split	0.7 kg	20	480	4026639220707
11250	30 m	75 mm	No split	0.95 kg	4	384	4026639016683
15076	30 m	100 mm	50   50 mm	1.2 kg	2	288	4026639150769
11251	30 m	150 mm	75   75 mm	1.9 kg	2	192	4026639016690
13491	30 m	200 mm	100   100 mm	2.9 kg	1	144	4026639134912
1AR03059	30 m	300 mm	150   150 mm	4.5 kg	4	96	4026639230591

### Advantages

- ✓ Adheres reliably – even if moisture is present: water-resistant SOLID adhesive
- ✓ Particularly durable: adhesion for 100 years, independently tested and confirmed
- ✓ Subsequent work can be carried out with increased flexibility: 6 months of outdoor exposure
- ✓ Subsequent work can be started quickly: fleece backing can be plastered over directly
- ✓ Easy to work with: very malleable fleece backing that can be torn by hand
- ✓ Test winner in April 2012 with the German product-testing foundation 'Stiftung Warentest'
- ✓ Construction in adherence with standards: for airtight sealing in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✓ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

### Substrates

Clean subsurfaces before applying tape. 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. Subsurfaces must be sufficiently dry and stable.

Permanent adhesion is achieved on all pro clima interior and exterior membranes, on other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium) and on other underlay and breather (WRB) membranes (e.g. those made of PP and PET).

Adhesion and taped connections are possible with planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.), rigid foam insulation materials that can be plastered over, and hard wood-based panels (chipboard, OSB, plywood, MDF and wood-fibre underlay panels). Pre-treatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels or on smooth, mineral subsurfaces. Concrete or plaster subsurfaces must not be sandy or crumbling.

The best results in terms of reliability are achieved on high-quality subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases. Pre-treatment with TESCON PRIMER is recommended in the case of subsurfaces that have insufficient stability.

## General conditions

Taped joints must not be subjected to tensile forces. Once membranes have been taped, the weight of the insulation material must be supported by laths. Taped joints should be supported by additional laths, if necessary. Rub the adhesive tapes firmly to secure the adhesive bonds. Ensure that there is sufficient resistance pressure.

Windproof, airtight or rainproof sealing can only be achieved on vapour control or underlay/facade membranes that have been installed without folds or creases. Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary. When plastering, please observe the recommendations of the plaster manufacturer for non-absorbent substrates. A bonding course may be necessary.



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:

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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.**



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