TESCON Vana®

All-round adhesive tape for interior and exterior use



Technical data

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

Property	Regulation	Value
Colour		Dark blue
Thickness	BS EN 1849-2	0.50 +-0.05 mm
Outdoor exposure		6 months
Bond durability, non-aged/aged	BS 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: Windproof and rainproof taping of roofing underlay and breather membranes (e.g. SOLITEX) and underlay panels. Airtight taping of externally installed or retrofit 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 forms

Art. no.	Length	Width	Release film splits	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
- ✔ Flexible on-site work sequencing: 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 the German 'Stiftung Warentest' product test in April 2012
- ✔ Standards-compliant construction: 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; if necessary, subsurfaces should be stabilised or renewed.

Permanent adhesion is achieved on all pro clima internal and external 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. It may be necessary to apply a bead of adhesive sealant – e.g. ORCON F – underneath the tape to achieve reliable seals on rougher surfaces.

The best results in terms of reliability are achieved on high-quality subsurfaces. Particular care is necessary when working with older or multi-layer subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases. Pre-treatment of the subsurface with TESCON PRIMER will improve the adhesive bond.

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 subsurfaces. A bonding course may be necessary.

The applications and conditions described here are based on current research findings and practical experience. We reserve the right to change the recommended application designs and installation methods and to develop and thus change the properties and quality of individual products. We would be glad to inform you about the current state of engineering knowledge at the time that your installation is carried out.

The planning documentation that is available from pro clima provides further information about installation methods and design details. If you have questions, please contact pro clima Technical Support in Ireland and the 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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