TESCON® Nº 1

All-round adhesive tape with backing made from perforated PE film, for interior and exterior use



Technical data

	Material
Backing	Perforated PE foil
Adhesive	Water-resistant SOLID adhesive
Release film	Silicone-coated paper

Property	Regulation	Value
Colour		Dark blue
Outdoor exposure		3 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		-40 °C to 90 °C ; -40 °F to 194 °F
Storage		Cool and dry

Areas of application

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

Exterior use: Airtight taping of externally installed or retrofit vapour control and airtight membranes. Creating windtightness on roofing underlay membranes and breather membranes (e.g. SOLITEX). Windtight taping of wood-based panels as underlays.

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, skylight windows).

Supply forms

Art. no.	Length	Width	Weight	Sales unit	Container	GTIN
1AR02074	30 m	60 mm	0.792 kg	20	480	4026639220745

Advantages

- ✔ Adheres reliably, even if moisture is present: water-resistant SOLID adhesive
- ✔ Particularly durable: adhesion for 100 years, independently tested and confirmed
- ✔ Easy to work with: flexible backing, can be torn by hand
- ✔ Also suitable for penetrations: very elastic and permanently deformable
- ✔ Subsequent work can be started quickly: can be plastered over directly
- ✔ 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 sticking. Adhesion to frozen surfaces is not possible. 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, other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium) as well as other roof and breather (WRB) membranes (e.g. those made of PP and PET).

Adhesion and taped connections are possible on 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.

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General conditions

Taped joints should not be subjected to tensile strain. Once membranes have been taped, the weight of the insulation material must be supported by laths. Adhesion 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 membranes, roofing underlays orbreather (WRB) membranes that have been installed without folds or creases.

Ventilate continuously and systematically to prevent the 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.

NSAI Agrément
pro clima Intelligent Airtight System
CERT No. 07/0297

100 YEARS ADHESION
successfully tested
unique worldwide
TESCON VANA · TESCON No.1 · UNI TAPE · ORCON F
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Tested for hazardous substances according to ISO 16000

Made in Germany developed and produced by pro clima

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:
Phone: +353 46 9432104
info@ecologicalbuildingsystems.com

To find your local stockist, please contact:

Ireland
Phone: +353 46 9432104

UK
Phone: +44 1228 711 511

Ecological Building Systems
info@ecologicalbuildingsystems.com
www.ecologicalbuildingsystems.com

MOLL
bauökologische Produkte GmbH
Rheintalstraße 35 - 43
68723 Schwetzingen
Germany
www.proclima.com

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

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

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