# 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 | 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 applying tape. Fine dust and any loose fibres must be thoroughly removed by vacuuming. 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, gypsum fibreboards, 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. No pre-treatment with primer is required on gypsum fibreboards if their surfaces have been cleaned and are dust-free. 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.

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 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.













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 Germany at +49 6202 278245.

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