



WHAT FOR?

- ✓ Multi-purpose adhesive tape for airtight bonds indoors and outdoors in accordance with DIN 4108, SIA 180 and ÖNorm B8110-2.
- ✓ Wind-proof and water-tight bonds of sub-roofs and facades.

WHERE APPLIED?

pro clima TESCON No.1 is used to form a secure and permanent seal over overlaps between foil and fleece membranes (vapour checks and airtightness membranes, roof underlays and wall membranes) and joints between such membranes and smooth, non-mineral surfaces. TESCON No.1 is also suitable for sealing butt joints between wood-based panels such as OSB or MDF sub-roof panels.

ADVANTAGES

- A versatile tape for almost any application
- ✓ Durable leak-proof bonding, inside and out
 - ✓ Can also be used for sealing holes
 - ✓ High flexibility
 - ✓ Easy to tear off by hand

SEE OVER FOR FURTHER DETAILS

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Preparation



1 All surfaces must be stable, dry, smooth and free of dust, silicone and grease. Sweep or vacuum clean and wipe all surfaces.

Sealing vapour checks indoors



2 Place the TESCON No.1 centrally over the overlap, unroll and stick down over the joint continuously. Press firmly to secure the tape, ensuring there is sufficient back-pressure.

Sealing internal junctions



3 To create airtight joints between vapour checks and smooth, non-mineral surfaces such as wood-based panels or planed wood, place TESCON No.1 centrally over the joint, unroll and stick down over the joint continuously.

Details for sealing unplastered blockwork



4 Use pro clima CONTEGA PV for reliable joints to gypsum based plaster. Affix fleece to the membrane with tape and use ORCON F to affix it to the masonry at intervals. Embed the reinforcement and the fleece in the middle layer of gypsum based plaster.

Details for pipes and cables



5 Seal all round penetrations with EPDM grommets. Cable grommets have a self-adhesive. Stick pipe grommets to the substrate with TESCON No.1 to form an air-tight seal. Press firmly to secure the adhesive tape.

Details for taping corners



6 Seal corners using pro clima TESCON PROFIL corner tape. Remove one strip of the split release paper and press down the first piece. Then remove the second strip of the release paper and press down the second piece.

pro clima TESCON No.1 Multi-Purpose Adhesive Tape

Taping roof underlay



7a

TESCON No.1 is suitable for sealing overlaps of the roofing underlay. Place the tape centrally over the overlap, unroll and stick down over the joint continuously. Press firmly to secure the tape, ensuring there is sufficient back-pressure.

Taping Sub-and-Top membrane



7b

To tape a vapour check used for restoration (e.g. pro clima DASATOP) place TESCON No.1 centrally over the overlap, unroll, and carefully position it in the corners, then stick down. Press firmly to secure the tape, ensuring there is sufficient back-pressure.

Sealing sarking boards



7c

Sarking boards made from wood-based panels (MDF) can be sealed with TESCON No.1. Place the tape centrally over the butt joint, unroll and stick down over the joint bit by bit. Press firmly to secure the tape.

Sealing external junctions



8

Roof underlay (e.g. pro clima SOLITEX) can be sealed to smooth, non-mineral surfaces such as flat roof windows using TESCON No.1. Form a underlay gutter above the gap (see 9b).

Details for pipes externally



9a

Pull a pro clima EPDM pipe grommet over the pipe and create a water-tight seal between it and the roof underlay using TESCON No.1. Form a underlay gutter above the penetration (see 9b).

Details for underlay gutters



9b

Place a strip of underlay in the overlap of the closest uninterrupted roofing membrane and seal to the roofing membrane. Fold the unattached end of the underlay gutter over and affix it to the lathing to drain the moisture to the next section of the roof using an interrupted counter batten.

COMPOSITION

pro clima TESCON No.1 adhesive tape is made of a non-ageing acrylate which is free of solvents or softeners. This, combined with high temperature resistance, ensures a strong, durable bond. The high final strength of the bond is reached within 24 hours.

SURFACES

All surfaces must be suitable for permanent, airtight adhesion with air sealing adhesive tape, and must be stable, dry, smooth and free of dust, silicone and grease. Adhesion to frozen surfaces is not possible.

Optimum results for the safety of the building are achieved by using high quality vapour checks and airtightness membranes, for example made of PE, PA, PP and aluminium foil, as well as sheathing paper or wood-based panels (e.g. OSB). Check the suitability of the substrate. Adhesion tests may be necessary.

CONDITIONS

The bonds should not be subjected to tensile strain. If the tape is used to stick vapour checks, the weight of the insulating material must be borne by lathing. If necessary, support the bond with shutter boards. Press firmly to secure the adhesive tape.

Ensure there is sufficient back-pressure. Airtight seals can only be achieved with vapour checks that have been laid without any folds or creases. Ventilate the interior space regularly to prevent build-up of excessive humidity.

The information provided here is based on the current state of the art and our own experience. We reserve the right to make changes to the recommendations given 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.

(Please also take note of the recommendations contained in the current pro clima application matrix.)

If you have any questions, please call our technical hotline

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Temperature resistance	langfristig von -40°C bis +90°C
Processing temperature	over -10°C
Available as	Roll length: 30 m Roll width: 6, 7,5 and 15 cm
Storage life	24 months (keep cool and dry!)

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... and the insulation is perfect