



### WHAT FOR?

Universal adhesive tape for permanent, air-tight and secure bonds indoors in accordance with DIN 4108, SIA 180 and ÖNorm B8110-2.

### WHERE APPLIED?

pro clima UNI TAPE is used for air-tight bonding of overlaps between sheets of vapour checks and air-proofing membranes made of sheathing paper or foil as well as joints between such membranes and smooth, non-mineral surfaces. UNI TAPE is also suitable for sealing butt joints between wood-based panels such as OSB.

### ADVANTAGES

PE-coated paper reinforced tape

- ✓ Can be used for any indoor application
- ✓ Creates a secure bond
- ✓ High initial bond strength
- ✓ 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 membrane overlaps



2

Place the UNI TAPE centrally over the overlap, unroll and stick down over the joint continuously. Ensure there is sufficient back-pressure. UNI TAPE 40 mm is only suitable for use on hard surfaces (e.g. OSB).

#### 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 UNI TAPE centrally over the joint, unroll and stick down over the joint continuously.

#### Details for sealing unplastered blockwork



4a

Use pro clima CONTEGA PV for reliable joints to gypsum based plaster. Affix the fleece to the masonry at intervals using ORCON F. Please note: Ensure the tape is flat and does not have any voids or bubbles!

#### Details for sealing unplastered blockwork



4b

Apply the vapour check. Remove the release paper from the back of the CONTEGA PV and affix the fleece to the airtight sealing layer using integral adhesive tape. Press firmly to secure.

#### Details for sealing unplastered blockwork



4c

Apply and smooth gypsum based plaster behind the fleece and reinforcement layer. Insert the fleece and reinforcement layer and then cover completely with gypsum based plaster.



... Continued: Application Guide

# pro clima UNI TAPE Universal Adhesive Tape

Details for taping corners



Join corners using pro clima TESCO 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.

Details for sealing pipe ducts



Pull a pro clima EPDM pipe grummet over the pipe and create an airtight seal between it and the airtight sealing layer using UNI TAPE.

Details for cables



Seal cables using self-adhesive cable grummetts. Pull the cable through, remove the release paper, affix the grummet and press firmly to secure.

Details for patching



Use pro clima UNI TAPE XL (15 or 20 cm wide) for patching repairs. Press firmly to secure the tape, ensuring there is sufficient back-pressure.

Details for blow-in insulation



If using blow-in insulation materials, secure the tape over overlaps with a supporting lath. Only use appropriate vapour checks (e.g. DB+ or intello plus).

Details for blow-in insulation



Alternatively, it may be sufficient to place strips of tape no more than 30 cm apart to relieve the load. However a supporting lath is the optimum recommendation.

## COMPOSITION

pro clima UNI TAPE 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 on 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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<b>Temperature resistance</b>	langfristig von -40°C bis +90°C
<b>Processing temperature</b>	over -10°C
<b>Available as</b>	Roll length: 30 m Roll width: 4 und 6 cm
<b>Storage life</b>	24 months (keep cool and dry!)

Last updated: 09/2007

# www.proclima.com

... and the insulation is perfect

