

Installation instructions

UNI TAPE

Installation steps



1. Preparation

Subsurfaces must have sufficient stability and be dry, level and free of dust, silicone and grease. Brush off subsurfaces; if necessary, clean with a vacuum cleaner and wipe down. If necessary, apply a coat of TESCON PRIMER in the case of crumbling plaster or very fine dust.



3. Interior joints

To implement airtight joints between vapour control membranes and smooth, non-mineral subsurfaces such as wood-based panels or planed wood, centre UNI TAPE on the joint and gradually stick it in place.



2. Taping of membrane overlaps

Centre UNI TAPE on the overlap, roll it out and stick the membranes gradually. Rub firmly using the pro clima PRESSFIX application tool to secure the adhesive bond.



4a. Detail solution for plaster-sealing tape

Creating defined plaster joints using pro clima CONTEGA PV: Fix fleece to the masonry at discrete points using ORCON F or ORCON CLASSIC. Please note: there must not be any hollows under the tape.



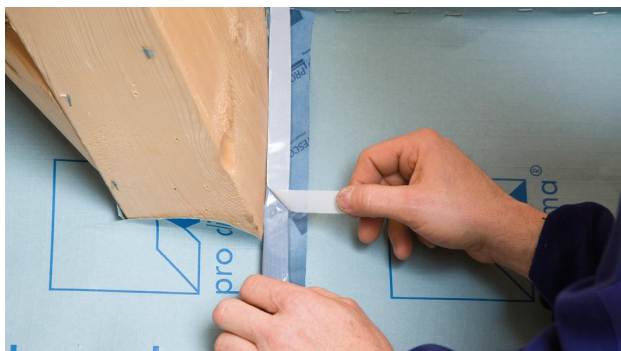
4b. Detail solution for plaster-sealing tape

Guide the vapour control membrane into position. Remove the release film strip from CONTEGA PV and attach the fleece to the airtightness layer using the adhesive strip. Rub firmly using the pro clima PRESSFIX application tool to secure the adhesive bond. Ensure that there is sufficient resistance pressure.



4c. Detail solution for plaster-sealing tape

Apply plaster behind the fleece and reinforcement structure and smooth the plaster. Place the fleece and reinforcement structure onto the plaster and then plaster over them fully. Use a bonding bridge in the case of calciferous plaster.



5. Detail solution for corner joints

Corner joints can be implemented using the pro clima TESCON PROTECT corner adhesive tape. Remove one strip of the double-divided release film and stick the first side. Then remove the remaining backing strips and stick the second side.



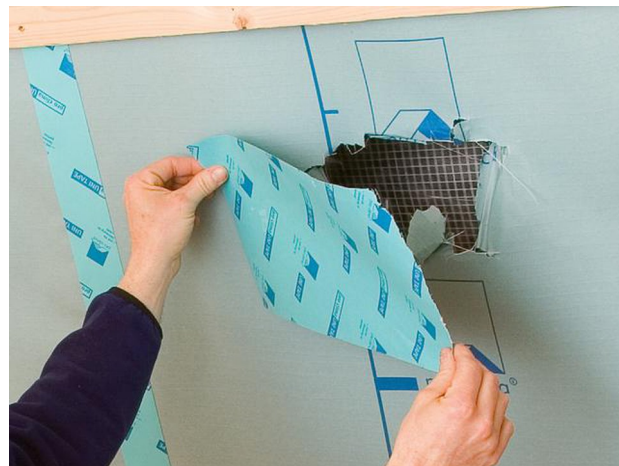
6. Detail solution for pipe feed-throughs

Pull the pro clima ROFLEX pipe grommet over the pipe and stick it to the airtightness layer in an airtight manner using UNI TAPE.



7. Detail solution for cable feed-throughs

Implement cable feed-throughs using pro clima KAFLEX self-adhesive cable grommets. Pull the cable through, remove the backing strip and fix the grommet. Rub firmly using the pro clima PRESSFIX application tool to secure the adhesive bond. Ensure that there is sufficient resistance pressure.



8. Detail solutions for repairs

To repair holes or apply patches, use pro clima UNI TAPE XL with a thickness of 15 or 20 cm (~6" or 8") or the pre-fabricated TESCON VANA patch. Rub firmly using the pro clima PRESSFIX application tool to secure the adhesive bond. Ensure that there is sufficient resistance pressure.



9a. Detail solution for blown-in insulation material

If blown-in insulation material is to be used, secure the overlap taping with a supporting lath. Use suitable vapour control membranes (e.g. DB+).



9b. Detail solution for blown-in insulation material

Alternative: under certain conditions, the use of perpendicular support strips of tape at maximum intervals of 30 cm (12") may be sufficient. It is your responsibility to verify this on site.

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.

Permanent adhesion is achieved on all pro clima interior membranes and on other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium).

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 and plywood panels).

The best results in terms of reliability are achieved on high-quality subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary. Pre-treatment with TESCON PRIMER is recommended in the case of subsurfaces that have insufficient stability.

UNI TAPE 4 cm can only be used for adhesion on hard substrates (e.g. in the case of vertical installation onto rafters).

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. Airtight seals can only be achieved on vapour control membranes that have been fitted with no folds or creases. Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary.

The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommended designs and processing 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 installation and design details is available in the pro clima planning documentation. If you have any questions, please contact [pro clima Technical Support](https://proclima.com/service/technical-support).

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