Installation instructions

TESCON Vana®

Installation steps



1. Preparation

Subsurfaces must have sufficient stability and be dry, level and free of dust, silicone and grease.
Brush off all subsurfaces; if necessary, clean with a vacuum cleaner and wipe down. Carry out an adhesion test, if necessary.



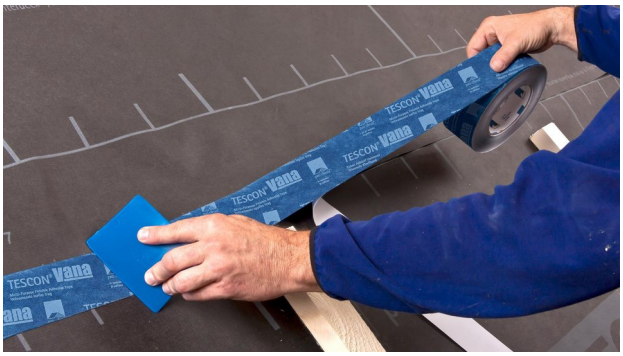
2. Taping membrane overlaps

Centre TESCON VANA on the membrane overlap and gradually stick it in place, ensuring that there are no folds or tension.
Rub the tape firmly to secure the adhesive bond.
PRESSFIX is easy to use and protects your hands.
Ensure that there is sufficient resistance pressure.



3. Joints to smooth, non-mineral subsurfaces

... (e.g. knee walls made of wood-based panels) should also be implemented using TESCON VANA.
Centre the tape and gradually stick it in place, ensuring that there are no folds or tension.



4. Taping membranes on the outside

Reliable adhesion in outdoor areas too thanks to water-resistant SOLID adhesive.
Centre the tape and stick in place, ensuring that there are no folds. Rub using the PRESSFIX tool to secure the adhesive bond. Ensure that there is sufficient resistance pressure.



5. Sealing around pipes and cables

Place a KAFLEX or ROFLEX sealing grommet over the cable or pipe and stick the grommet to the membrane.
The cable grommets are self-adhesive.
Tape the pipe grommets to the membrane using TESCON VANA.



6. Apply primer to wood-fibre underlay panels

Apply TESCON PRIMER system primer.
Full ventilation is not necessary.
The tape can be positioned centrally over the butt joint and applied onto the wet primer, and then gradually stuck in place ensuring that there are no folds or creases.
Adhesive joints to protect against rain should be started at the bottom and should overlap in an interlocking pattern.

Substrates

Clean subsurfaces before applying tape. Fine dust and any loose fibres must be thoroughly removed by vacuuming. 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; if necessary, subsurfaces should be stabilised or renewed.

Permanent adhesion is achieved on all pro clima internal and external membranes, on other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium) and on other underlay and breather (WRB) membranes (e.g. those made of PP and PET).

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, 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 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.

Windproof, airtight or rainproof sealing can only be achieved on vapour control or underlay/facade membranes that have been installed without folds or creases. Ventilate continuously and systematically to prevent 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 Ireland and the UK:
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