

# 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.



### 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.



### 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.



### 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 underlayment 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. 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 and exterior membranes, on other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium) and on other underlayment 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, and hard wood-based panels (chipboard, OSB, plywood, MDF and wood-fibre underlayment panels). Pre-treatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlayment panels or on smooth, mineral subsurfaces. Concrete or plaster subsurfaces must not be sandy or crumbling.

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 in certain cases. Pre-treatment with TESCON PRIMER is recommended in the case of subsurfaces that have insufficient stability.

## 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 underlayment/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 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 application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and UK:

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**As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.**



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