

# Installation instructions

**TESCON® PROFIL**

## Installation steps



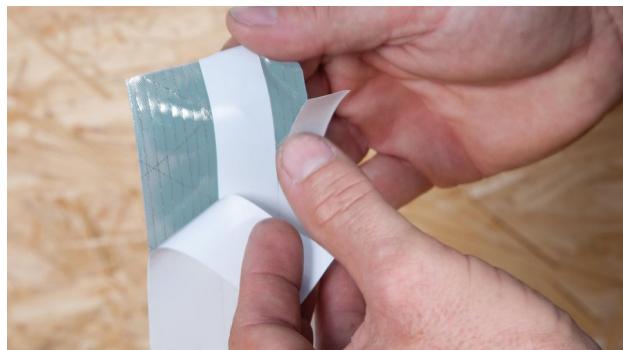
### 1. Preparation

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.



### 3. Window, interior: First side

Fold the tape into an L-shape. Remove the release film on one side. Guide the adhesive tape along the remaining release film into the corner to be taped and stick the first side of the tape in place.



### 2. Choose the appropriate split

Corner joints can be taped using TESCON PROFIL corner adhesive tape. Choose the 12 / 48 mm split if sealing to plasterwork or if panelling is to be covered. Alternatively, a 25 / 35 mm split is also possible.



### 4. Window, interior: Second side / Rub tape in place

Then remove the remaining backing strips and stick the second side. Rub the tape firmly to secure the adhesive bond on both sides. Ensure that there is sufficient resistance pressure. This step can be carried out more efficiently and in a manner that is kinder to the hands by using the PRESSFIX application tool.



## 5. Window, exterior

Tape the membrane to the window frame in a windproof and waterproof manner using TESCON PROFIL. Thanks to the split release film, the tape can be first stuck onto the membrane and then onto the window.



## 8. Detail solution for planed beam

Windproof and waterproof joints with (planed) beams can be achieved using TESCON PROFIL. Taping sequence: 1. Bottom, 2. Left and right, 3. Top. Implement airtight joints on the inside in an analogous manner.

## 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 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, 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. 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. Adhesion 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 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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