Installation instructions

TESCON® FIX

Installation steps

1. Clean the subsurface

Remove any dust or wood shavings etc. from the subsurface (brush off or clean with a vacuum cleaner).

2. Mark out

Position TESCON FIX vertically starting at the ring beam and mark out the length to the upper edge of the rafter.

3. Cut to length

Cut the refurbishment strip.

Tip:
Prepare strips for further joints at the same time.
Place a number of brackets on top of one another and cut to length as appropriate using a circular saw.

4. Pre-treat the subsurface

Pre-treat the rafter with TESCON PRIMER.

5. Staple the strip in place

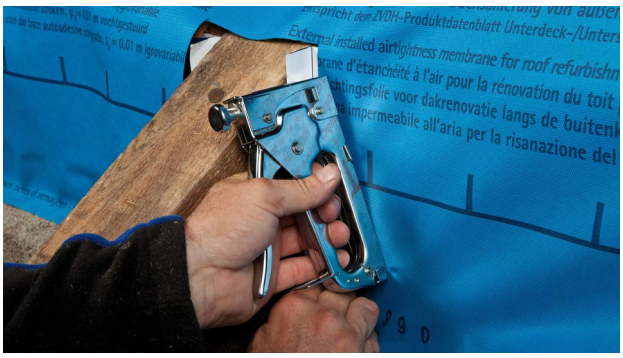
Attach TESCON FIX to the rafter using staples.

6. Insert the insulation

Insert a strip of sorptive insulation material (e.g. wood fibre or cellulose) between the strip and the already installed insulation material; this is inserted into the space between the rafters that has previously been insulated up to the rafter upper edge leaving no cavities.

7. Install the membrane and cut out section at rafter

Install DASAPLANO 0,01 connect in accordance with the installation instructions and cut out the section at the rafter, as shown.



8. Attach the membrane to the strip

Fold the adhesive tape back onto the rafter and attach the membrane to the white side of the strip using staples.

9. Stick to the membrane

Remove the release film strip and stick the adhesive tape to the membrane that has been affixed in place.

10. Stick to the rafter

Stick the other side of the tape to the rafter accordingly.

11. Joint to ring beam

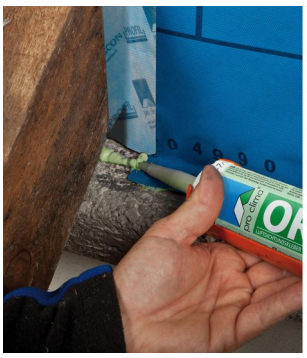
Apply a line of ORCON F (d at least 5 mm) to the ring beam, position the membrane allowing for slack, and do not press the adhesive completely flat.

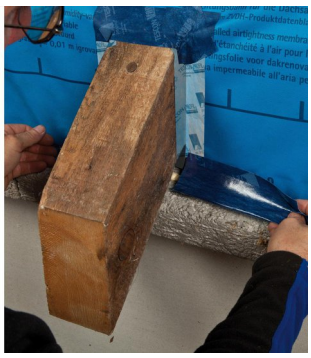
12. Stick to the upper side of the rafter

Stick the membrane to the upper side of the rafter with a strip of TESCON VANA adhesive tape and rub using the pro clima PRESSFIX application tool to secure the adhesive bond.

13. Cut at the corners and stick over

Cut into the adhesive tape corners diagonally at the rafter and stick a piece of TESCON VANA over them.





14. Stick the membrane at the bottom of the rafter

Apply a line of ORCON F (d = at least 5 mm) to the ring beam under the rafter.
Stick to the ring beam and the underside of the rafter using TESCON VANA. Cut the corners diagonally and stick them.

15. Install vertical insulation

Fill out the space between the rafters with vertically oriented sorptive insulation material (e.g. wood fibre) as far as the outer edge of the ring beam.

16. Install insulation over the surface

Install insulation on the roof surface using wood fibre underlay panels with a suitable thickness.
Observe the system notes for DASAPLANO 0,01 connect here.

Substrates

Clean subsurfaces before sticking.
Adhesion to frozen surfaces is not possible. 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 (vapour control and airtight membranes) and PE, PA, PP and aluminium sheeting for the creation of airtightness.
Adhesion can be carried out on planed and painted wood, hard plastics and hard wood-based panels (chipboard, OSB, plywood panels).

The best results in terms of structural stability 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 with insufficient stability and of unplaned wood.

General conditions

The bonds should not be subjected to tensile strain.
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 membranes, roofing underlays or breather (WRB) membranes that have been laid without 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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