

Installation steps



1. Fill the space between rafters

Completely fill the existing space between the rafters with insulation material. If the existing insulation can be easily compressed, select the next highest thickness for the new insulation layer and use this to compress the existing insulation.



2. Roll out and staple the membrane

Apply DASAPLANO 0.01 connect flat over the rafters and insulation, and attach it using staples that are at least 10 mm (3/8") wide by 8 mm (5/16") long at intervals of 10-15 cm (4" to 6"). Install the membrane leaving an additional 4 cm (1 5/8") overlap at adjacent building components so that an airtight bond can be applied here subsequently.



3. Overlap the membrane and stick overlaps

Provide approx. 10 cm (3/8") of overlap between membrane strips in a waterproof manner, gradually remove the release film from the self-adhesive strips and stick the membranes in place.

Rub firmly using the pro clima PRESSFIX application tool to secure the adhesive bond. Ensure that there is sufficient resistance pressure.



4. Sealing at the bargeboard

First create a smooth finish on rough wall caps. Clean the subsurface. Apply a line of ORCON F system adhesive of at least $d = 5 \text{ mm}$ (3/16") (more in the case of rough subsurfaces, if necessary). Apply the membrane, leaving slack to allow for expansion, and do not press the adhesive completely flat so as to allow for relative motion between components.



5. Sealing at the knee wall

Cut the membrane as necessary and install it around the rafters. Stick the membrane to the top and sides of the rafters and to the ring beam using ORCON F. Tape the membrane cut and joint underneath the rafters using TESCON VANA system adhesive tape. Apply a line of ORCON F adhesive between the rafters and TESCON VANA. Stick the corners using TESCON VANA. If necessary, pre-treat reconditioned wood or knee walls using TESCON PRIMER RP or TESCON SPRIMER.



7. Install external roof insulation

Install the over-rafter insulation consisting of wood-fibre underlay panels; please contact Technical Support [<https://proclima.com/service/technical-support#germany>] at pro clima in Germany for assistance with calculating the thickness of the external wood-fibre insulation that is required from a building physics viewpoint.

General conditions

DASAPLANO 0,01 connect is to be installed with the printed side facing the installation technician. The membrane is to be installed horizontally (parallel to the eave) in a taut manner, covering over the compartment insulation.

If DASAPLANO 0,01 connect is subject to outdoor exposure or rain, the membranes must be installed perpendicular to the water run-off direction. This will ensure better protection of the building structure against moisture penetration.

To avoid condensation formation, the thermal insulation cover should be installed immediately after airtight adhesion of DASAPLANO 0,01 connect. This applies particularly to work carried out in winter.

Airtight seals can only be achieved on vapour check membranes that have been fitted with no folds or creases.

A normal indoor residential climate is present for the entire duration of the refurbishment work.

Note: Please contact Technical Support [<https://proclima.com/service/technical-support#germany>] at pro clima in Germany for assistance with calculating the thickness of the external wood-fibre insulation that is required from a building physics viewpoint.



6. Joints to pipes and cables

Place a KAFLEX or ROFLEX sealing grommet over the cable or pipe and stick to DASAPLANO.

KAFLEX is self-adhesive.

Stick the ROFLEX to the subsurface in an airtight manner using TESCON VANA.

Rub the tape firmly to secure the adhesive bond (PRESSFIX). Ensure that there is sufficient resistance pressure.

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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