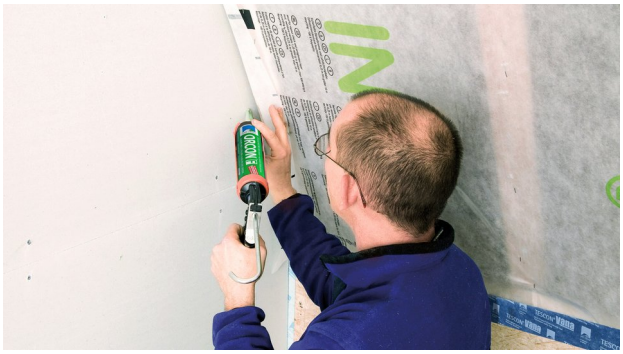
Installation instructions

ORCON F

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.
If necessary, apply a coat of TESCON PRIMER in the case of crumbling plaster or very fine dust. This can lead to a significant increase in the drying time.



2. Sealing to a plastered gable wall

Apply a line of adhesive that is at least 5 mm (3/16") thick (more in the case of rough subsurfaces, if necessary).
Apply the strip, leaving slack to allow for expansion.
Do not press the adhesive completely flat so as to allow for relative motion between components.

3. Sealing to plastered knee walls

Sticking procedure is the same as for a gable wall. Provide slack to allow for expansion. Do not press the adhesive completely flat.
In general, pressure laths are not required on stable subsurfaces.

4. Sealing to wood

For sealing to roughly sawn rafters or purlins, apply a line of ORCON F that is at least 5 mm (3/16") thick (more in the case of rough subsurfaces, if necessary).
Where possible, provide slack to allow for expansion. Do not press the adhesive completely flat.

5. Sealing of sub-and-top membrane strips

Bond refurbishment vapour checks (e.g. pro clima DASATOP) to rough or mineral subsurfaces using a line of adhesive that is approx. 5 mm (3/16") thick (or thicker, if necessary); allow slack for expansion where possible. Do not press the adhesive completely flat. Carefully guide the membrane strip into the corners.

6. Sealing of exterior air sealing

In the case of external roof insulation with continuous rafters, bond the vapour check (e.g. pro clima DA) to two wooden boards in the area above the purlin using two parallel lines of ORCON F. Also bond the two boards using two lines of adhesive on the rafter.

Substrates

Clean subsurfaces before applying adhesive. Mineral surfaces (plaster or concrete) may be slightly moist. Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on surfaces to be sealed. Subsurfaces must have sufficient stability – if necessary, a mechanical support (pressure lath) must be used (e.g. on crumbling subsurfaces).

Permanent adhesion is achieved on all pro clima interior and exterior membranes, on other vapour check and airtight membranes (e.g. those made of PE, PA, PP and aluminium) and on other underlay and breather membranes (e.g. those made of PP or PET). Seals can be created on mineral subsurfaces (e.g. plaster or concrete), roughly sawn or planed wood, and hard wood-based panels (chipboard, OSB, plywood, MDF panels).

The best results in terms of achieving a well-protected structure are achieved on high-quality subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests are recommended in certain cases.

General conditions

The adhesive joints created must not be subjected to tensile forces.
The product achieves its final level of strength only when it has dried. This should be taken into account if airtightness measurements are to be carried out or if blown-in insulation material is to be installed directly after application of this adhesive. It may be advisable to implement protective measures such as mechanical reinforcements in the case of subsurfaces that have insufficient stability.
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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