

Installation instructions

ORCON[®] CLASSIC

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 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 battens are generally not required on stable subsurfaces.



4. Sealing to timber

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



5. Sealing of sub-and-top membrane strips

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

Substrates

Clean substrates 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 substrates).

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 membranes (e.g. those made of PP and PET). Seals can be created on mineral substrates (e.g. plaster or concrete), roughly sawn, planed or painted wood, hard plastics or rustproof metal (e.g. pipes, windows etc.) and hard wood-based panels (chipboard, OSB, plywood, MDF panels).

Adhesion with dry sealant

This method can be used if one or both components to be sealed are non-absorbent or have low absorbency (e.g. PE sheet on concrete). The adhesive sealant should first be allowed to dry for 1-2 days; the membrane can then be pressed onto the dry sealant and will adhere immediately. (Avoid formation of large quantities of dust during the drying period.)

The best results in terms of achieving a well-protected structure are achieved on high-quality substrates. It is your responsibility to check the suitability of the substrate; adhesion tests may be necessary.

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 substrates that have insufficient stability. Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary.



6. Sealing of exterior air sealing

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

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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