

# Installation instructions **ORCON<sup>®</sup> 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.



### 3. Bonding 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.



### 2. Bonding to a plastered gable wall

Apply a line of adhesive that is at least 5 mm 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.



### 4. Bonding to timber

For bonding to rafters or purlins, apply a line of ORCON CLASSIC that is at least 5 mm 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. Bonding of sub-and-top membrane strips

Bond refurbishment vapour retarders (e.g. pro clima DASATOP) to rough or mineral substrates using a line of adhesive that is approx. 5 mm 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 sticking. Mineral surfaces (plaster or concrete) may be slightly moist.

Adhesion to frozen surfaces is not possible. The substrate material must be free of water-repellent substances (e.g. grease or silicone). Substrates must be stable - 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, other vapour retarder and airtight membranes (e.g. those made of PE, PA, PP and aluminium) as well as other roof and wall lining membranes (e.g. those made of PP and PET).

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

The best results in terms of structural stability are achieved on high-quality substrates.

It is your responsibility to check the suitability of the substrate; adhesion tests are recommended in certain cases.

## General conditions

The bonds should not be subjected to tensile strain.

The product achieves its final level of strength only when it has dried. It may be advisable to use mechanical reinforcements to protect the installation area. Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary.



### 6. Bonding of exterior air sealing

In the case of external roof insulation with continuous rafters, bond the vapour retarder (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 the application and construction can be found in the pro clima planning documentation. For queries please call the pro clima technical hotline on +49 (0)6202 278245.

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