

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. Bonding 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. 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.

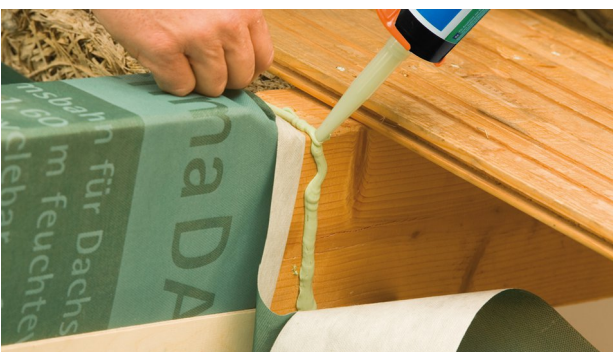
In general, pressure laths are not required on stable subsurfaces.



4. Bonding to wood

For bonding 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. Bonding 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. Bonding 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 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). Subsurfaces must be stable - 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, other vapour-check 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 subsurfaces (e.g. plaster or concrete), roughly sawn and planed wood same as hard wood-based panels (chipboard, OSB, plywood, MDF 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 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.

Once membranes have been stuck, the weight of the insulation material must be supported by laths. Adhesion should be supported by additional laths, if necessary. 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 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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