Installation instructions ORCON® MULTIBOND

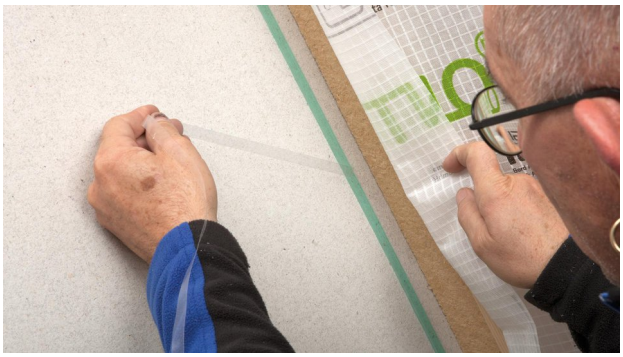
Installation steps

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.

2. Apply a line of adhesive

Position ORCON MULTIBOND on the subsurface to be bonded, roll it out and gradually stick it to the subsurface.



3. Remove the release film

Gradually remove the release film.

4. Detail: Sealing

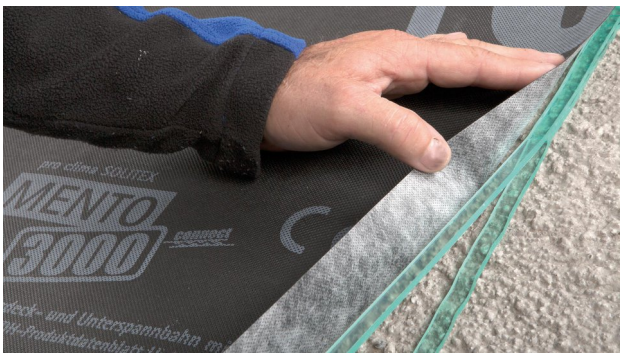
Apply the membrane onto the adhesive strip, leaving slack for expansion so as to allow for relative motion between components. Rub firmly using the pro clima PRESSFIX application tool to secure the adhesive bond.

5. Detail: Membrane overlap

Stick membrane overlaps together using ORCON MULTIBOND; press the membranes firmly together using PRESSFIX.

6. Membranes in exterior use

ORCON MULTIBOND is waterproof and stable at temperatures up to 100 °C (212 °F). It can be used in a permanent and reliable manner in exterior applications to stick roof underlays.



7. Tip: Use two lines of adhesive

Simply apply two lines of adhesive, one over the other, in the case of very rough subsurfaces.

8. Durability

ORCON MULTIBOND made from SOLID acrylate is very resilient and bonds tightly to suitable subsurfaces.

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 and PET). Seals can be created on mineral subsurfaces (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).

The best results in terms of structural reliability are achieved on high-quality subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests are recommended in certain cases. Pre-treatment with TESCON PRIMER is recommended in the case of subsurfaces that have insufficient stability.

General conditions

The adhesive joints created must not be subjected to tensile forces. It may be advisable to implement protective measures such as mechanical reinforcements in the case of subsurfaces that have insufficient stability. Rub the tape firmly into place (e.g. using the pro clima PRESSFIX application tool). Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary. The product achieves its final level of strength after approx. 24 h.

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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