

Installation instructions

TESCON® **RAPIC**

Installation steps



1. Preparation

Subsurfaces must have sufficient stability and be dry, level and free of dust, silicone and grease.

Brush off all subsurfaces; if necessary, clean with a vacuum cleaner and wipe down. Carry out an adhesion test, if necessary.



2. Taping of panel joints

Centre TESCO RAPIC on the joint, roll it out and stick the panel joint gradually.

Rub the tape firmly to secure the adhesive bond with the PRESSFIX application tool.



3. Taping membrane overlaps

Centre TESCO RAPIC on the membrane overlap and gradually stick it in place, ensuring that there are no folds or tension.

Rub the tape firmly to secure the adhesive bond.

PRESSFIX is easy to use and protects your hands.

Ensure that there is sufficient resistance pressure.



4. Reliable tape-on-tape adhesion

The tape backing and its special adhesive have been formulated to be compatible with one another and to ensure ease of use in construction practice on site.

TESCON RAPIC can be applied onto another layer of TESCO RAPIC. The tape can be peeled off its roll easily and quickly, but exhibits its full adhesive force under the slow-acting forces (e.g. due to relative motion between components) typically encountered in service. In this way, reliable adhesion between two layers of tape is ensured.



5. Sealing transitions to adjacent components with AEROSANA VISCONN

Apply a short length of TESCON VANA over TESCON RAPIC in areas where the joint with adjacent elements is to be sealed with AEROSANA VISCONN. The TESCON VANA must also adhere directly to the wood-based panel here. The joint can now be sealed by spraying with liquid sealant.

Substrates

Clean substrates before applying tape. Adhesion is not possible on frozen surfaces. There must be no water-repellent substances (e.g. grease or silicone) on materials to be sealed. Subsurfaces must be sufficiently dry and stable.

Permanent adhesion is achieved on all pro clima interior membranes, on other vapour control and airtight membranes (e.g. those made of PE, PA, PP and aluminium). Can be used to tape joints between hard airtight wood-based panels (chipboard, OSB and plywood panels), including cross-shaped and T-shaped joints. Pre-treatment with TESCON PRIMER is required in the case of adhesion to smooth, mineral substrates. Concrete or plaster substrates must not be sandy or crumbling.

The best results in terms of reliability are achieved on high-quality substrates. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases. Pre-treatment with TESCON PRIMER is recommended in the case of substrates that have insufficient stability. No taping of wood-fibre insulation panels.

General conditions

Taped joints must not be subjected to tensile forces. Once membranes have been taped, the weight of the insulation material must be supported by laths. Taped joints should be supported by additional laths, if necessary. Rub the adhesive tapes firmly to secure the adhesive bonds. Ensure that there is sufficient resistance pressure.

Airtight taped joints can only be achieved on vapour control membranes that have been installed without folds or creases.

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 application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and UK:

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For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.



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