Application Guide

pro clima TESCON INVIS black multi-purpose adhesive tape

WHAT FOR?

Multi-purpose adhesive tape for inside and outside

- ✔ Windproof and water tight bonds of sub-roofs and façade sheeting
- ✔ Airtight bonds in accordance with DIN 4108-7, SIA 180 and ÖNorm B8110-2

WHAT ON?

pro clima TESCON INVIS is used to form a secure and permanent seal over overlaps between foil and fleece membranes (vapour check and airtightness membrane, roof underlay and wall membrane) and joins between such membranes and smooth, non-mineral surfaces. TESCON INVIS is also suitable for sealing butt joints between wood-based panels such as OSB or MDF sub-roof panels or softwood fibre panels (primers).

ADVANTAGES

A versatile tape for almost any application

- ✔ Durable leak-proof bonding, inside and out
- ✔ Easy to tear off by hand
- ✔ With a soft fleece backing

SEE OVER FOR FURTHER DETAILS >>

Preparation

The substrate onto which the tape is applied should be load bearing and stable, dry, smooth and free from dust, silicon and grease. Brush down all surfaces and vacuum clean or wipe with a cloth if necessary.

Taping wall lining membrane outdoors

For invisible taped joints on and joints between wall lining membrane (e.g. SOLITEX WA) behind back ventilated façades, position TESCON INVIS centrally over the overlap, unroll and stick down over the joint piece by piece.

Pressing firmly to secure the tape

Press firmly to secure the tape, ensuring there is sufficient back-pressure, for example using a pro clima PRESSFIX to do the job effectively and to protect your hands.

Alternative: Taping with DUPLEX

Alternatively, you can use DUPLEX double-sided tape to tape over the overlap. Lift the top layer of membrane, apply the DUPLEX on one side, pull the release paper off piece by piece and stick down, ensuring there is sufficient back-pressure, and press hard

Joints to floorboards

To bond joints on floorboards, masonry or concrete or other rough substrates, use CONTEGA OR-F joint adhesive. Clean the substrate and apply a continuous bead approx. 1/4" (5 mm) thick (more may be needed on uneven substrates).

Joints to floorboards

Lay the membrane on the adhesive bed, leaving an expansion joint and do not press the glue down completely to allow for differential movement at the joint.

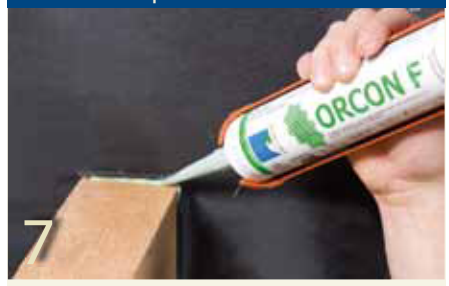
… Continued: Application Guide for

pro clima TESCON INVIS black multi-purpose adhesive tape

Joints to OSB

To create windproof joints between wall membrane and smooth, non-mineral surfaces such as wood-based panels or planed wood, place TESCON INVIS centrally over the joint, unroll and stick down over the joint piece by piece.

Joints to unplaned timber



Use CONTEGA OR-F joint adhesive on unplaned or roof beams, applying a continuous bead approx. 1/4" (5 mm) thick (more may be needed on rough sunstrates).

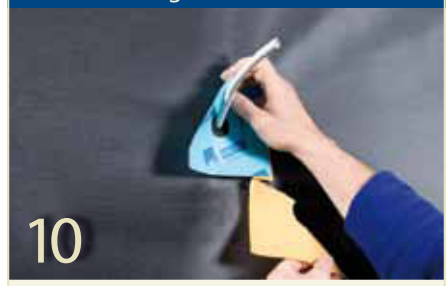
Taping sub-roof panels

Use TESCON INVIS for joints on sub-roofs made from wood (MDF), positioning the tape centrally over the joint, unrolling and sticking down over the joint piece by piece then pressing firmly to secure the tape. Prime softwood fibre panels with TESCON PRIMER RP.

Detail: Window flashings

Stick the membrane to the cladding frame so that it is windproof and water tight using the all-round adhesive tape TESCON INVIS then press firmly to secure the tape.

Detail: Cable grummets



Sealing around holes with EPDM grummets. KAFLEX grummets have a self adhesive. Tape over UNITAPE using TESCON INVIS. Tape ROFLEX using TESCON INVIS to form a windtight bond with the substrate then press firmly to secure the tape.

Detail: Beam penetration

Making a windproof and water tight joint to planed rafters or roof beams with TESCON INVIS. Bonding sequence: 1st bottom, 2nd left and right hand sides, 3rd top. Use ORCON F joint adhesive to bond joints to unplaned rafters or roof beams.

Composition

pro clima TESCON INVIS adhesive tape is made of pure acrylate that is waterproof, non-ageing and free of solvents or softeners. This, combined with high temperature resistance, ensures a strong, durable bond. The high final strength of the bond is reached within 24 hours.

Surfaces

To ensure a durable, airtight bond with air-proofing sealing adhesive tape the substrates onto which the tape is applied should be load bearing and stable, dry, smooth and free from dust, silicon and grease. Bonding to frozen surfaces is not possible.

Optimum results for the safety of the building are achieved by using high quality roof underlay and wall membrane, vapour checks and airtightness membrane, for example made of PE, PA, PP and aluminium foil, as well as sheathing paper or wood-based panels (e.g. OSB or MDF). Prepare softwood fibre panels by applying TESCON PRIMER RP. The applicator is responsible for checking the suitability of the substrate. Adhesion tests are recommended.

Conditions

The bonds should not be subjected to tensile strain. If membrane made of foil or paper is taped over, the weight of the insulating material must be borne by lathing. The adhesive tape should be supported by battens if necessary. Press firmly to secure the tape, ensuring there is sufficient back-pressure. Airtight or rainproof seals can only be achieved on vapour checks, roof lining membranes or wall membranes that have been laid without folds or creases Ventilate regularly 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 recommendations given 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.

(Please also take note of the recommendations contained in the current pro clima application matrix.)

If you have any questions, please call the pro clima technical hotline USA

Four Seven Five

Tel: 718-622-1600

info@foursevenfive.com

Temperature resistance	Long term from -40°F to 194°F
Application temperature	> 14°C, > -10°C
Available as	Roll length: 65'8" (30 m) Roll width: 2-3/8" (60mm)
Storage	Cool and dry

ID 12578 - Last updated: 04/2010

www.proclima.com

…optimize your insulation

MOLL bauökologische Produkte GmbHRheintalstraße 35 - 43 · D-68723 Schwetzingen · Germany