Application Guide

pro clima TESCON NAiDEC double-sided butyl rubber tape

What for?

- ✔ As nail sealing tape on the underside of a lath on inclined roofs to form a durable seal around nail or screw holes
- ✔ Designed for use on temporary roof coverings as recommended by pro clima

What on?

Durable bonding on all pro clima SOLITEX membranes (sarking membrane or wall lining membrane) made from polypropylene, polyester or polyurethane as well as on MDF and softwood fibre sub-roof panels. Bonding to frozen surfaces is not possible. This viscous butyl adhesive forms a reliable and durable seal around nail holes, making it almost impossible for water to seep in.

Advantages

- ✔ Very good sealing action - penetrates deep into the structure
- ✔ Water resistant
- ✔ Extra-strong due to a reinforcing layer
- ✔ Contains no bitumen

SEE OVER FOR FURTHER DETAILS >>

Highly effective sealing tape

pro clima NAIDEC has very flexible butyl adhesive that penetrates deep into the pores of membranes and fibreboard, providing durable sealing around nail holes.

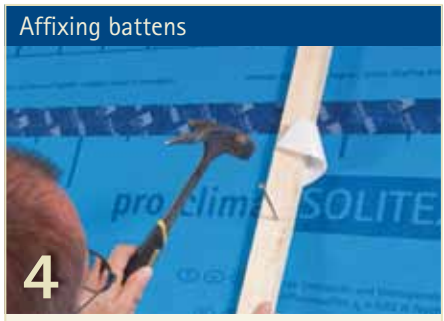
Applying the tape

To form a durable seal around nail or screw holes, position the butyl rubber tape centrally on the counter batten and stick down piece by piece.

Press on firmly

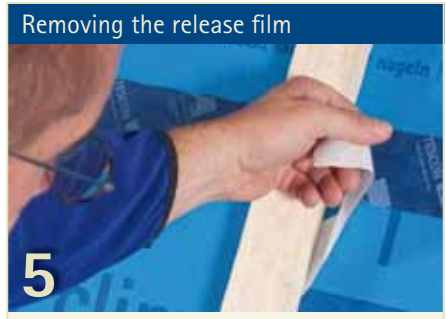
Press firmly to secure the tape, ensuring there is sufficient back-pressure, for example using a pro clima PRESSFIX to do the job effectively and to protect your hands.

Affixing battens



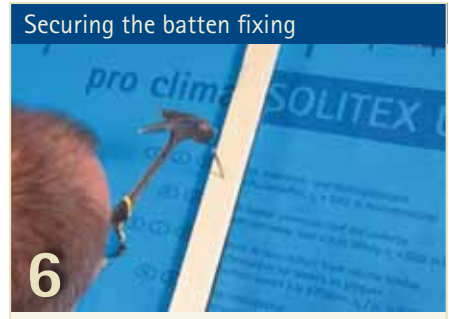
Pull a piece of the release film off at one end. Position the counter batten and affix using a single nail, making sure that the end of the release film is protruding from the side of the joint.

Removing the release film



Pull the release film out piece by piece.

Securing the batten fixing



Nail or screw the counter batten on piece by piece as you proceed with removing the release film from the tape. Finished!

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Joining SOLITEX roof underlay

Use TESCON VANA to bond roof lining membrane (e.g. pro clima SOLITEX). Place the tape centrally over the overlap, unroll and stick down over the joint piece by piece. Press firmly to secure the tape, ensuring there is sufficient back-pressure.

Joining softwood fibre roof underlay

Prime sub-roofs made of softwood fibre panels with TESCON PRIMER RP in the area of the bond (e.g. in grooves). Tape down using 15 cm wide TESCON VANA multi-purpose adhesive tape for indoor and outdoor use.

Joining wood fibre boards

Use TESCON VANA for sub-roofs made of wood-based panels (ie. GUTEX). Place the tape centrally over the butt joint, unroll and stick down over the joint piece by piece. Press firmly to secure the tape.

Detail: Rooflight window

Use TESCON VANA to join roof lining membrane (e.g. pro clima SOLITEX) to smooth, non-mineral substrates such as skylight windows. Create a membrane gutter along the window edge (see 12).

Detail: Pipe

Pull a pro clima ROFLEX grommet over the pipe and create a water-conducting seal between it and the roof underlay using TESCON VANA. Create a membrane gutter along the window edge (see 12).

Detail: Foil gutter

Place a strip of membrane in the overlap of the closest uninterrupted sheet of membrane and stick down. Fold the unattached end of the membrane strip over and affix it to the lathing to drain the moisture to the next section of the roof using an interrupted counter batten.

Composition

pro clima TESCON NAIDEC is made of non-ageing, bitumen-free butyl rubber. This, combined with high temperature resistance, ensures a strong, durable bond. The flowable butyl adhesive that penetrates deep into the pores of membranes and fibreboard, providing durable sealing around nail holes, making it almost impossible for water to seep in.

Surfaces

For a durable seal the substrates onto which the tape is applied should be load bearing and stable, dry, smooth and free from dust, silicon and grease. Before bonding, the substrate surface should be brushed clean with a broom or wiped with a cloth. Bonding to frozen surfaces is not possible. Surfaces must be suitable for permanent adhesion with butyl rubber adhesive tape. Optimum results for the safety of the building are achieved by using high quality roof lining membrane or wood-based panels (e.g. softwood fibreboard or MDF panels). Adhesion tests are recommended. Concrete or plaster substrates must be completely dry.

Conditions

Press firmly to secure the tape, ensuring there is sufficient back-pressure. The bonds should not be subjected to tensile strain. Water tight bonds can only be achieved on roof lining membrane that has been laid without folds or creases. The temperature must be > 5° C day and night for the tape to be workable. 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.

Temperature resistance	Long term from -20°C to +80°C
Application temperature	+5°C to +35°C
Available as	Roll length: 20 m Roll width: 5 cm
Storage	Cool and dry

ID 12579 - Last updated: 04/2010

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