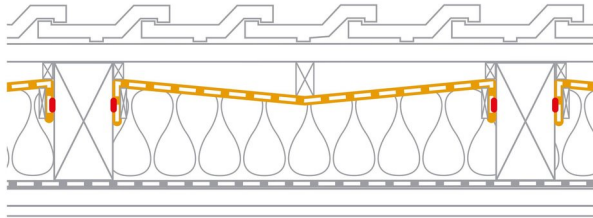


# Installation instructions

## SOLITEX MENTO® 3000

### Retrofitting underlay from the inside



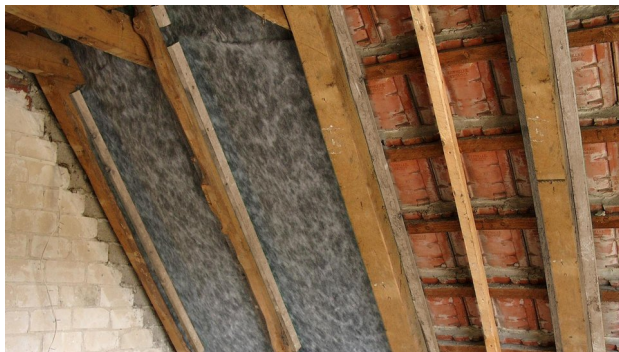
#### Installation principle

The 'protruding lath' forms a valley and drains any water that has entered to the middle of the area between the rafters (away from the rafters) and towards the eaves.



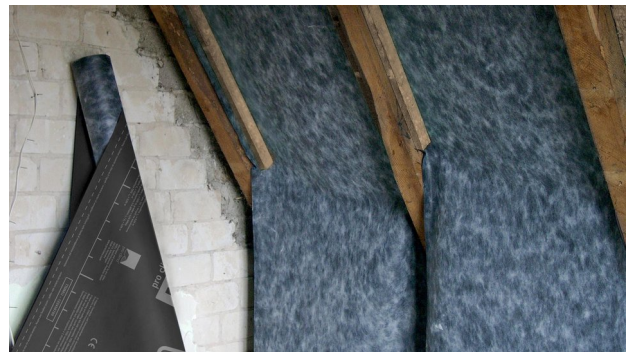
#### Battens

Affix a batten at the sides (min. height of 2 cm, e.g. 2.5 x 4). Screw a 'protruding lath' that is 1.5 – 2 cm thicker (e.g. 4 x 6) to the roof battens in the space between rafters.



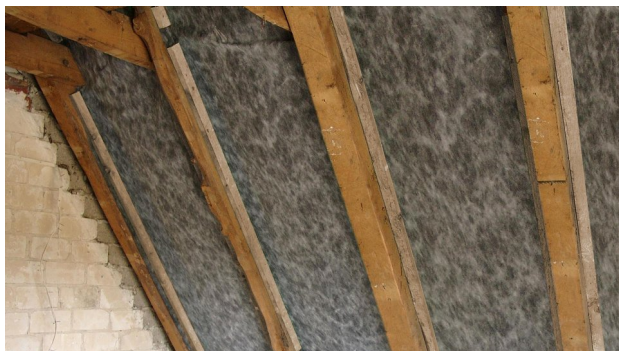
#### Install the membrane

Install SOLITEX longitudinally or perpendicularly, proceeding in turn from one space between rafters to the next. Ensure that the overlaps are waterproof.



#### Fastening and water flow

Affix battens at the sides. Alternative: Use DASATOP FIX. Ensure drainage through the knee wall into the eave area.



#### You're finished!

Completed underlay retrofitted from the inside.



#### Final steps

Install insulation in the space between the rafters. Install the airtightness layer, e.g. INTELLIO, install inner cladding. You're finished!

### SOLITEX MENTO® system – Retrofitting roofing underlay from the inside

In cases where there is no roofing underlay present, non-porous underlay can be retrofitted from the inside using one of the SOLITEX roofing underlays. SOLITEX membranes are equipped with a monolithic, non-porous functional film. As a result, they are watertight against water from the outside and can actively transport moisture vapour from the building structure into the open at the same time. This ensures optimal protection for the insulation structure.

## Advantages

- Well-protected building components: highly diffusion-open and maximum protection against driving rain
- Dry building components: non-porous TEEE functional film actively transports moisture to the outside
- Permanent protection thanks to the high resistance to ageing and heat of the TEEE functional film

## Reliable system for installation from the inside

The roof pitch of the roof tiles must not be less than the standard roof pitch. The roof pitch must be at least 20°. Installation is carried out from the inside, proceeding in turn from one space between rafters to the next. Battens at the corners of the rafters/tile battens provide the necessary ventilation for the roof covering. A 'protruding lath' fitted in the middle of the space between rafters forms a valley in the SOLITEX membrane. In this way, any water that has entered can be drained off to the middle of the area between the rafters (away from the rafters) and towards the eaves.

Attach the SOLITEX membrane to the rafters using battens or DASATOP FIX. The membranes must be overlapped in a waterproof manner and must drain reliably into the open. Installing from top down is easier to achieve the correct overlap.

## General conditions

### IMPORTANT INFORMATION

- This product is a Class 4 vapour-permeable pliable building underlay in accordance with NZS 2295 and AS 4200.1.
- This product is designed to withstand up to 90 days of UV exposure before cladding is installed.
- This product can withstand temperatures up to 120 °C and down to -40 °C behind external claddings.
- The SOLITEX MENTO® 3000 connect has two integrated self-adhesive strips for easy installation

### PRODUCT DESCRIPTION

SOLITEX MENTO® 3000 connect is a UV-stabilised and tear-resistant synthetic weather-resistive barrier (WRB) for roofs. A non-porous water-resistant TEEE film is laminated at high temperatures between two layers of spun-bonded polypropylene (PP). SOLITEX MENTO® 3000 connect comes with two integrated self-adhesive strips.

### WEATHER EXPOSURE

This product is a weather-resistive barrier (WRB) designed to withstand up to 90 days of direct UV exposure and still fulfil its intended use for wind and water control. Exterior cladding should be detailed to prevent direct sunlight from reaching the membrane in service.

### APPLICATION NOTES

This product is suitable for use in accordance with BRANZ appraisal 855 as an alternative to conventional kraft paper roof underlays or in accordance with the approved Pro Clima installation method, which uses counter battens and above underlay ventilation. SOLITEX MENTO 3000 connect is recommended for optimum weatherproof joints on roof pitches below 15 degrees.

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### PRO CLIMA NEW ZEALAND

Upper North Island: 09 892 9900 [tel:006498929900]  
Lower North Island: 04 589 8460 [tel:006445898460]  
South Island: 03 327 4925 [tel:006433274925]  
Technical: [support@proclima.co.nz](mailto:support@proclima.co.nz) [mailto:support@proclima.co.nz]  
General: [welcome@proclima.co.nz](mailto:welcome@proclima.co.nz) [mailto:welcome@proclima.co.nz]  
0800 PRO CLIMA (776 254) [tel:0064800776254]