pro clima®

Made-to-order membranes

for roof projects

Cutting and bonding service for underlay and airtightness membranes

Make your roofs weathertight and airtight even more quickly and easily

Cutting and bonding service for pro clima underlay and airtightness membranes

Are you planning to use pro clima membranes on an upcoming roof project? If so, you no longer need to worry about bonding the individual lengths of membrane to each other and cutting them to size to fit your roof surface. You can now order many pro clima membranes already cut and bonded to match your roof surface! As part of this service, SOLITEX WELDANO 3000 roofing underlay membranes are welded together in the workshop, and SOLITEX MENTO 3000/5000 connect, SOLITEX QUANTHO 3000 connect, INTELLO X connect, DA connect and DASAPLANO 0,01 connect are joined using their self-adhesive strips.

In this way, pro clima takes care of the preparation of underlay and airtightness membranes for your roof project in an automated, tailored and precise manner at a reasonable price. You will be able to install reliably sealed roof structures more efficiently, even if your roof geometry demands more complicated shapes (1b).

Advantages:

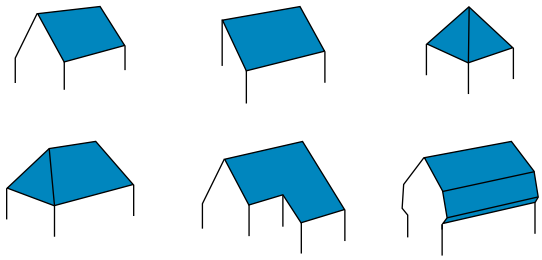
- ✔ Time savings due to shorter installation period on site
- ✔ No additional finishing work required: made-to-order membranes are delivered that fit your roof surface perfectly
- ✔ The underlying building structures remain dry: prepared sheeting provides immediate protection in adverse weather conditions
- ✔ High-quality end products thanks to assembly under protected conditions in the workshop
- ✔ Efficient installation thanks to technical support from pro clima

How does this service work:

It's this easy ....

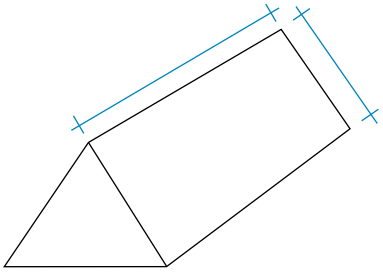
1. Tell us the shape and dimensions of your roof surface

a. Define the roof type
What type of roof is involved? Is it a gable roof, a single-pitched roof, a tented roof, etc. Please specify the geometrical form of the roof and provide an outline sketch of the roof with actual lengths and surface areas.

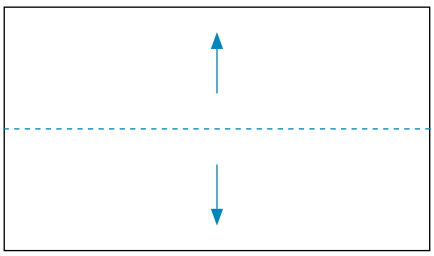


b. Specify any special geometries
Please specify any special geometries such as valleys, roof dormers, skylights etc. The absence or presence of such features will determine whether the resulting pre-fabricated sheet will be a standard geometry (2D and rectangular) or a special geometry (2D non-rectangular, 2D rectangular with additional sections).

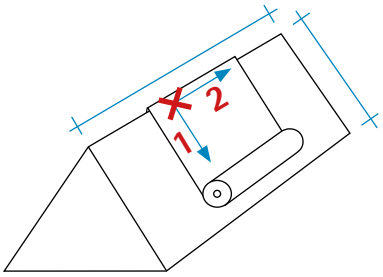
c. Specify the eave and bargeboard lengths
Please specify in your drawing the dimensions of the bargeboards and eaves and all dimensions – e.g. valley lengths – to be taken into account in determining the surface area.



d. Specify the ridge position and water run-off direction
Please indicate on your drawing the position of the ridge with a line and the water run-off direction with a direction arrow.

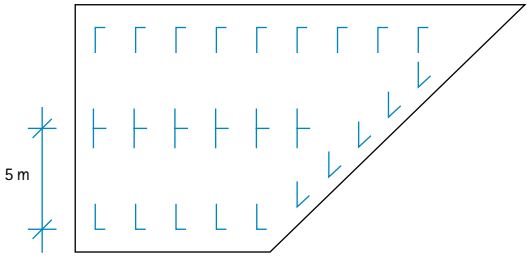


e. Specify the starting position and roll-out direction (longitudinal and perpendicular)
The prepared sheet is usually delivered to your building site as a package that is rolled up in two directions. Have you planned a specific roll-out starting position, direction and sequence? If so, please mark this position with a cross. Ideally, you should indicate the sequence of roll-out directions with arrows and sequential numbering (1, 2).



f. Additional services
- Marking/cutting of skylights
- Marking/cutting of any additional penetrations (vent pipes etc.)
- Marking of counter battens

In order to be able to provide these services, we need you to send us .dwg or .dxf files and complete our editable PDF form.



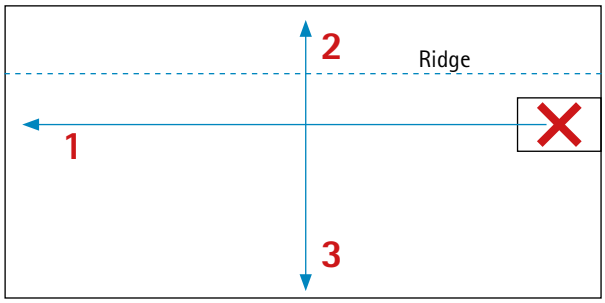
2. Production of the pre-fabricated sheet and shipping

Once you have placed an order, the individual lengths of membrane will be stuck or welded together, as appropriate, and cut to size for your specific roof project. If required, the positions of the counter battens, skylights and any other penetrations can be marked.
The prepared sheet is then rolled up, placed on a pallet and shrink-wrapped for shipping. We aim to deliver to your site within 10 days of the order being placed for delivery locations in Germany, Austria, France, the Netherlands and Belgium.

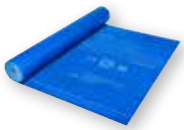
3. Rolling out the sheet and installation

In this way, pro clima takes care of the preparation of underlay and airtightness membranes for your roof project in an automated, tailored and precise manner at a reasonable price. You will be able to install reliably sealed roof structures more efficiently, even if your roof geometry demands more complicated shapes (1b).

Example of a sketch showing the starting point and the planned sequence and directions for rolling out of the sheet package



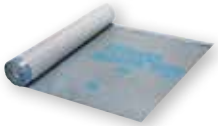
The made-to-order service is available for the following membranes



SOLITEX WELDANO 3000
Diffusion-open, weldable roofing underlay membrane

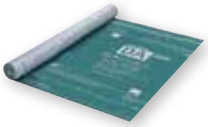
SOLITEX MENTO 3000 connect
Medium-weight roofing underlay, with self-adhesive strips

SOLITEX MENTO 5000 connect
Heavy-weight roofing underlay, with self-adhesive strips

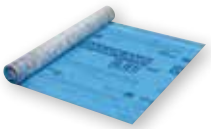


SOLITEX QUANTHO 3000 connect
Medium-weight roofing underlay with self-sealing perforations and waterproof adhesive strips

INTELLO X connect
Hydrosafe® high-performance vapour control membrane with self-adhesive strips



DA connect
Vapour control membrane for external insulation and roof retrofits, with self-adhesive strips



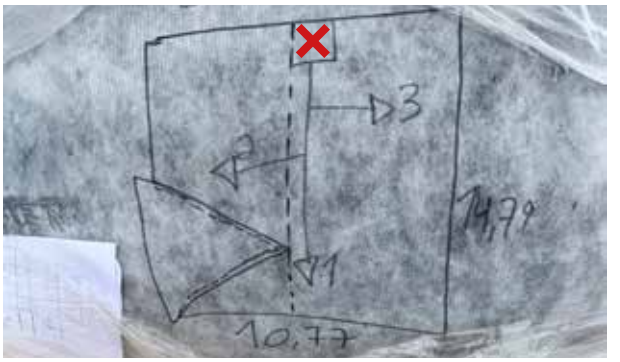
DASAPLANO 0,01 connect
Airtightness membrane for roof retrofits from the outside, with self-adhesive strips

The editable PDF form for enquiries and preliminary orders can be downloaded here:
proclima.info/en/made-to-order-form

Image gallery: Installation of a made-to-order underlay membrane on site

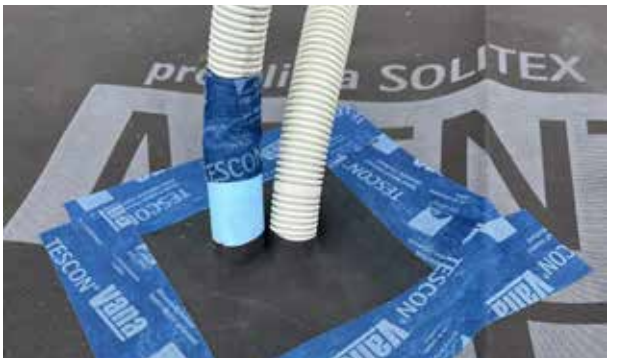
Positioning of the prepared sheet package for installation over wood-fibre underlay panels

Rolling out of the pre-fabricated cut and bonded underlay membrane

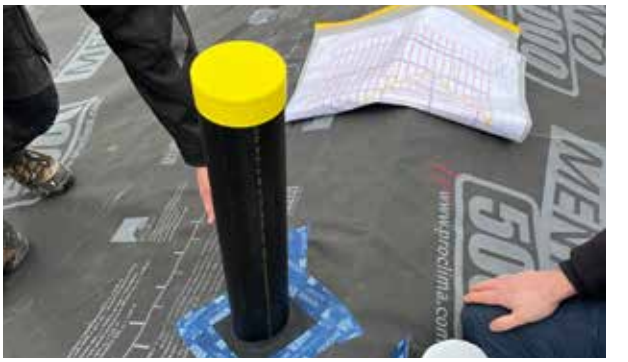


Sketch showing the starting point and the planned sequence and directions for rolling out of the package

Pre-fabricated sheet of SOLITEX MENTO 5000 connect rolled out on the roof



Sealing of penetrations around conduits with the ROFLEX grommet for multiple conduits ...

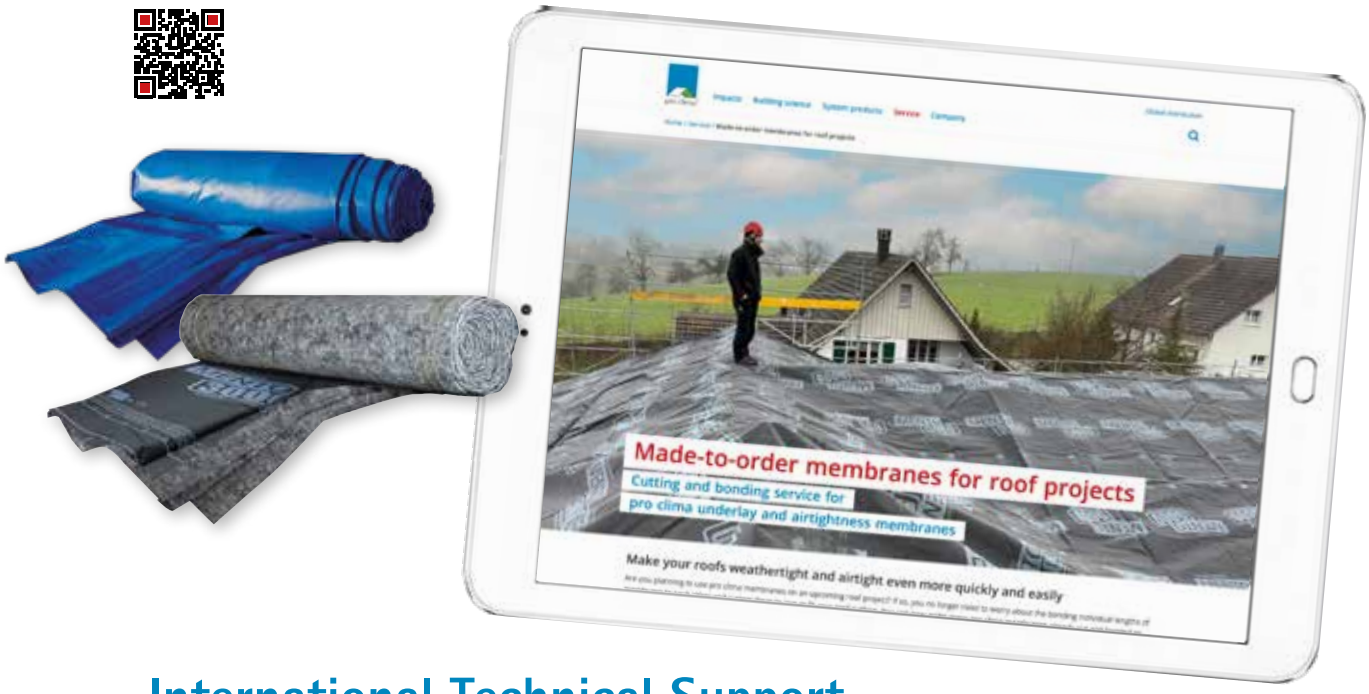


... and sealing of a vent pipe using the ROFLEX variant for pipe diameters of 100 - 120 mm (4"- 4¾").

TESCON NAIDECK mono used as nail-sealing between the counter battens ...

... and the SOLITEX MENTO 5000 connect underlay membrane.

Further information about the made-to-order service for pro clima membranes is available here:
proclima.info/en/made-to-order-membranes



International Technical Support

Our engineering specialists in Germany can advise you on the details of using this service. More generally, our Technical Support also offers:

- ✔ Evaluation of structures and designs
- ✔ Advice on applications and use of systems and products
- ✔ Evaluation and approval of structures and components

pro clima Technical Support from Germany or in your country:
proclima.info/en/technical-support

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