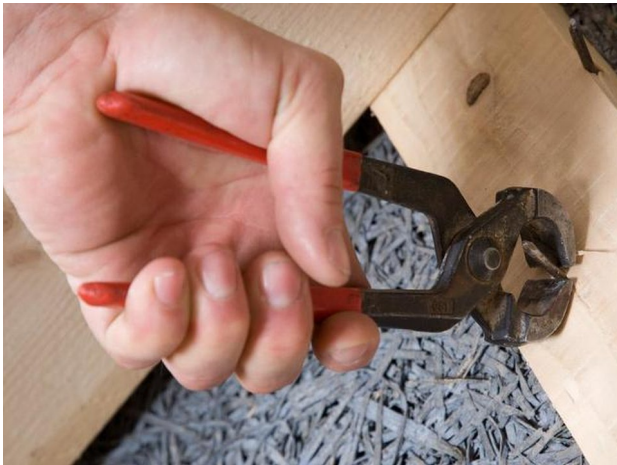


# Installation instructions

## DASATOP®

### Installation steps



#### 1. Preparation

Remove any sharp-edged or pointy objects (e.g. nails) that protrude from the interior cladding into the area between the rafters. Brush off subsurfaces; if necessary, clean with a vacuum cleaner and wipe down.



#### 2. If necessary, insert padding

To protect DASATOP, install panel-shaped insulating material with a strong structure on the existing inner covering. The thickness of the insulation underneath DASATOP should be a max. of  $\frac{1}{3}$  of the total insulation thickness.



#### 3. Install the membrane

Install the membrane horizontally (perpendicular to the rafters/ceiling joists) to the sides of the rafters and the subsurface with full surface contact and press neatly into the corners. Install the membrane leaving an additional 4 cm ( $1\frac{5}{8}$ " ) overlap at adjacent building structures so that an airtight bond can be applied here subsequently.



#### 4. Fix to the rafters

Fasten the membrane to the bottom area of the sides of the rafters using DASATOP FIX system hard fibre strips. Use the attachment strips along the entire length. Fastening can be carried out easily using a stapler, for example. Avoid convection tunnels.



### 5. Overlap the membranes

Allow for an overlap for at least 10 cm (4") between the membranes. The marking that is printed onto the membrane will serve as a guide here.



### 6. Tape the overlap

Clean the subsurface (dry and free of dust, silicone and grease) and carry out an adhesion test, if necessary. Centre the TESCON VANA system adhesive tape on the overlap and gradually stick it in place, ensuring that there are no folds or tension. Rub firmly using the PRESSFIX application tool to secure the adhesive bond. Ensure that there is sufficient resistance pressure.



### 7. Sealing to smooth, non-mineral substrates

(e.g. wood-based panels) should also be implemented using TESCON VANA system adhesive tape. Centre the tape and gradually stick it in place, ensuring that there are no folds or tension (PRESSFIX).



### 8. Joints to rough or mineral substrates

Clean the subsurface. Apply a line of ORCON F adhesive sealant of at least  $d = 5 \text{ mm}$  ( $\frac{3}{16}$ "), or more in the case of very rough substrates if necessary. Place DASATOP onto the adhesive bed, leaving slack to allow for expansion. Do not press the adhesive completely flat so as to allow for relative motion between components.



### 9. Sealing around pipes and cables

Place a KAFLEX or ROFLEX sealing grommet over the cable or pipe and stick to DASATOP. The cable grommets are self-adhesive. Tape the pipe grommets to the membrane using TESCO VANA. Rub firmly using the PRESSFIX application tool to secure the adhesive bond. Ensure that there is sufficient resistance pressure.



### 10. Compartment insulation and underlay

The next step is to insert the insulation and install the underlay, e.g. SOLITEX. Insulation cover for rafters is possible as an option, but is not required.

## General conditions

DASATOP is to be installed with the printed side facing the installation technician. It is to be installed horizontally (parallel to the eave). Alternatively, it can be installed parallel to the rafters if adhesion to the rafters is carried out in a waterproof manner. The weight of the insulation material must be supported by suitable interior cladding or cross battens at a separation distance of a maximum of 25 cm (10").

To avoid condensation formation, the thermal insulation should be installed immediately after airtight installation of DASATOP. This applies particularly to work carried out in winter.

DASATOP may only be installed on dry building sites. If plastering or screed-laying work is to be carried out as part of renovation projects, these must be completed long in advance of the installation of DASATOP.

Airtight seals can only be achieved on vapour control (alternate terms: vapour check or retarder) membranes that have been fitted with no folds or creases.

If blown-in insulation is used, DASATOP must be installed directly onto the entire area of the inner cladding.

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 installation and design details is available in the pro clima planning documentation. If you have any questions, please contact [pro clima Technical Support](https://proclima.com/service/technical-support).

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