

Installation instructions

SOLITEX FRONTA® HUMIDA

Installation steps



1. Install the membrane

Roll out the membrane horizontally, align it horizontally and attach it initially in the overlap area in a manner that protects against moisture entry using galvanised staples (type D) that are at least 10 mm (3/8") wide by 8 mm (5/16") long (16 mm (5/8") in the case of wood fibreboards) at separation distances of 10-15 cm (4"-6") (alternatively, use DUPLEX double-sided adhesive tape, pre-treat with TESCON PRIMER). Additional securing with thermally decoupled screw anchors or laths on the wood fibreboard.



2. Apply double-sided adhesive tape

Clean the subsurface (dry and free of dust, silicone and grease), stick DUPLEX double-sided adhesive tape to the lower third of the subsequent overlap in a manner that protects against moisture.

Rub the tape firmly using the PRESSFIX to secure the adhesive bond. Ensure that there is sufficient resistance pressure.



3. Overlap the membranes

Overlap the membranes for at least 10 cm (4") so that they are watertight. The printed markings on the membrane serve as a guide here.



4. Stick the overlaps

Gradually remove the release film from DUPLEX and stick the overlapping membrane, ensuring that there are no folds or tension. Rub the tape firmly using the PRESSFIX to secure the adhesive bond. Ensure that there is sufficient resistance pressure.



5. Alternatively: Taping over the overlaps with TESCON VANA or TESCON INVIS (instead of DUPLEX)

Tape TESCON VANA or TESCON INVIS adhesive tape centrally on the overlap and stick it down bit by bit so that it is load and wrinkle free. Rub the tape firmly using the PRESSFIX to secure the adhesive bond. Ensure that there is sufficient resistance pressure.



7. Sealing around windows

Tape the membrane to the window frame using TESCON PROFECT to ensure a windtight seal. Thanks to the split release paper it is possible to stick the tape first to the membrane and then, subsequently, to the window.



6. Sealing to rough or mineral surfaces (e.g. floorboard)

Clean the surface. Apply a bead of ORCON F adhesive sealant – at least 5 mm ($\frac{3}{16}$) thick (more in the case of very rough surfaces). Apply the membrane, leaving slack to allow for expansion, and do not press the adhesive completely flat to allow for relative motion between components.



8. Sealing around windows

Alternatively use TESCON VANA.



9. Sealing cable and pipe penetrations

Place KAFLEX or ROFLEX sealing grommets over the cable or pipe and stick to the membrane. The cable sleeves are self-adhesive. Tape the pipe grommets to the membrane with TESCON VANA.



10. Sealing angular penetrations

Slide the TESCON PROFECT pre-folded corner sealing tape into the corner on the release film and stick the first independent adhesive strip. Then remove the release film and stick the second independent adhesive strip.



General conditions

SOLITEX FRONTA HUMIDA membranes must be installed with the printed side facing outwards. The membranes are to be installed horizontally in a taut manner with no sagging.

Fasteners should not be applied in areas where water run-off is collected.

Additional measures (e.g. covering with tarpaulins) should be taken during the construction phase in the case of buildings that are lived in or buildings that are to be given particular protection. Covering with tarpaulins should also be considered if construction work is to be interrupted for a longer period.

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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