

Installation instructions

INSTAABOX

Installation steps



1. Create the cut-out

Mark out the position of the INSTAABOX and create the cut-out in the airtightness layer.

Dimensions 270 mm x 140 mm (10 5/8" x 5 1/2").

It can be installed either vertically or horizontally.



2. Pre-form the penetrations

Punch holes at the perforated punching points on the INSTAABOX using a conical object (e.g. a nail or cartridge nozzle).

Create a hole that is about 60% of the cable diameter.



3. Feed the cables through

Support the INSTAABOX with your hand at the penetration point and pull cables with a diameter of up to 20 mm (3/4") through the previously created holes.

The plastic will create an airtight seal.

Ensure that cables sit freely and are not subject to tension in the INSTAABOX.



4. Put the INSTAABOX in place

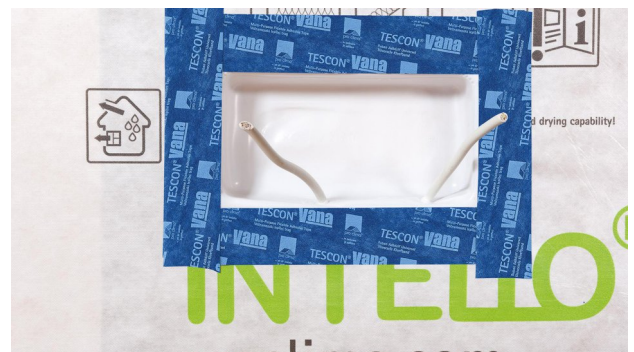
Align the box with pulled-through cables on the airtightness layer.



5. Create an airtight bond

Create an airtight bond around the perimeter of the box using a pro clima adhesive tape (e.g. TESCO VANA) and rub firmly to secure the adhesive bond (PRESSFIX).

Ensure that there is sufficient resistance pressure.



6. Can be expanded flexibly

The installed INSTAABOX has enough space for up to three sockets or light switches.

Combine two or more boxes if greater lengths or widths are required.

Substrates

The INSTAABOX can be used on all common airtight substrates used in construction. Recommendations on suitable sealants for connecting it to the airtight sealing layer (e.g. vapour check, wood-based panels or mineral substrate) is given in the pro clima application matrix [<https://proclima.com/media-download/350/>].

Further information can be found in the technical data sheets provided with the sealant.

General conditions

The bonds should not be subjected to tensile strain. When the vapour control membrane is sealed, the weight of the insulating material must be borne by lathing. Adhesion should be supported by additional laths, if necessary.

Rub the adhesive tapes firmly to secure the adhesive bonds. Ensure that there is sufficient resistance pressure. Airtight seals can only be achieved on vapour control membranes that have been laid without folds or creases. Ventilate continuously and systematically to prevent build-up of excessive humidity; use a dryer if necessary.

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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