INSTAABOX

Installation box



Technical data

Material	
Main component	polyethylene, flexible and extensible

Property	Regulation	Value
Colour		Translucent
Length/width service cavity		260 mm / 130 mm ; 10.24" / 5.12"
Length/width total		320 mm / 190 mm ; 12.6" / 7.48"
Cable diameter		max. 20 mm ; 0.79"
sd value	EN 1931	> 10 m
g value		> 50 MNs/g
Vapour permeance	ASTM E 96	< 0.33 US perms
Reaction to fire classification	EN 13501-1	E
Temperature resistance, permanent		-10 °C to 80 °C ; 14 °F to 176 °F
Storage		Cool and dry

Areas of application

For structures without dry lining, the INSTAABOX can create space for junction boxes and the like. It is attached and sealed so that it is airtight to the existing vapour-controlling and airtightness layer. In combination with typical interior cladding with a thickness of approx. 12 mm (½"), this installation box is large enough to accommodate up to three electrical mounting boxes with a depth of approx. 45 mm (¾") or up to two electrical mounting boxes with a depth of approx. 60 mm (2⅜"). The INSTAABOX can be used for both internal and external walls.

The INSTAABOX is oversized to prevent the airtightness layer being damaged if holes need to be drilled for the junction boxes.

Supply forms

Art. no.	Length	Width	Contents	Weight	GTIN
1AR02160	320 mm	190 mm	10 pieces	0.26 kg	4026639221605

Advantages

- ✔ For cables and conduits up to 20 mm in diameter
- ✔ Standards-compliant construction: for airtight sealing in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✔ Provides space for up to three junction boxes
- ✔ Can be extended at will by cutting and sticking together again
- ✔ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

Substrates

The INSTAABOX can be used on all common airtight substrates used in construction. Recommendations on suitable sealants for connecting it to the airtightness layer (e.g. vapour control, wood-based panels or mineral substrate) is given in the pro clima application matrix.

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

General conditions

The adhesive 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 the build-up of excessive humidity; use a dryer if necessary.

NSAI Agrément
pro clima Intelligent Airtight System
CERT No. 07/0297

ÉMISSIONS DANS L'AIR INTÉRIEUR*
A+
A+ A B C
*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes missions)

Tested for hazardous substances according to ISO 16000

Made in Germany developed and produced by pro clima

The applications and conditions described here are based on current research findings and practical experience. We reserve the right to change the recommended application designs and installation methods and to develop and thus change the properties and quality of individual products. We would be glad to inform you about the current state of engineering knowledge at the time that your installation is carried out.

The planning documentation that is available from pro clima provides further information about installation methods and design details. If you have questions, please contact pro clima Technical Support in Germany at +49 6202 278245.

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