



Technical data

| Material | | |
|----------------|---------------------------------------|--|
| Main component | polyethylene, flexible and extensible | |

| Property | Regulation | Value |
|-----------------------------|---------------|---|
| Colour | | Translucent |
| Length/width service cavity | | 260 mm / 130 mm |
| Length/width total | | 320 mm / 190 mm |
| Depth | | 55 mm |
| Cable diameter | | max. 20 mm |
| sd value | BS EN 1931 | > 10 m |
| g value | | > 50 MNs/g |
| Fire class | BS 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. It complies with the requirements of DIN 4108-7, SIA 180 and RE 2020 with regard to airtightness when using conventional junction boxes. The INSTAABOX can be used for both internal and external walls.

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

Supply forms

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

Advantages

- ✓ For cables and conduits up to 20 mm in diameter
- ✓ Construction in adherence with standards: 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 airtight sealing 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 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.



*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 émissions)

Tested for hazardous substances according to



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 application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and UK:

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For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.



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