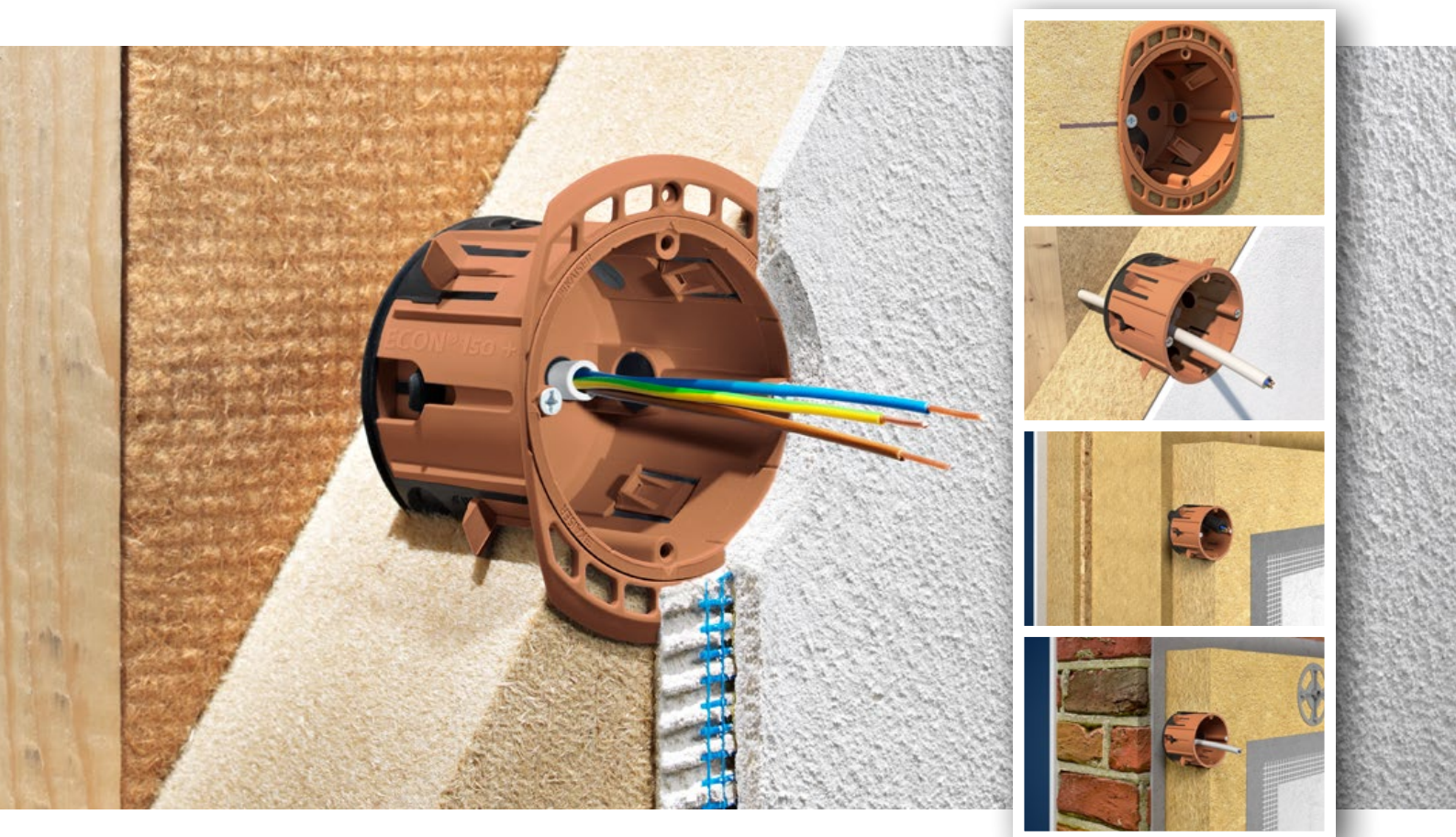


ECON[®] Iso +

One-gang junction box for wood fibre insulation materials

Fast installation. With a secure fit.



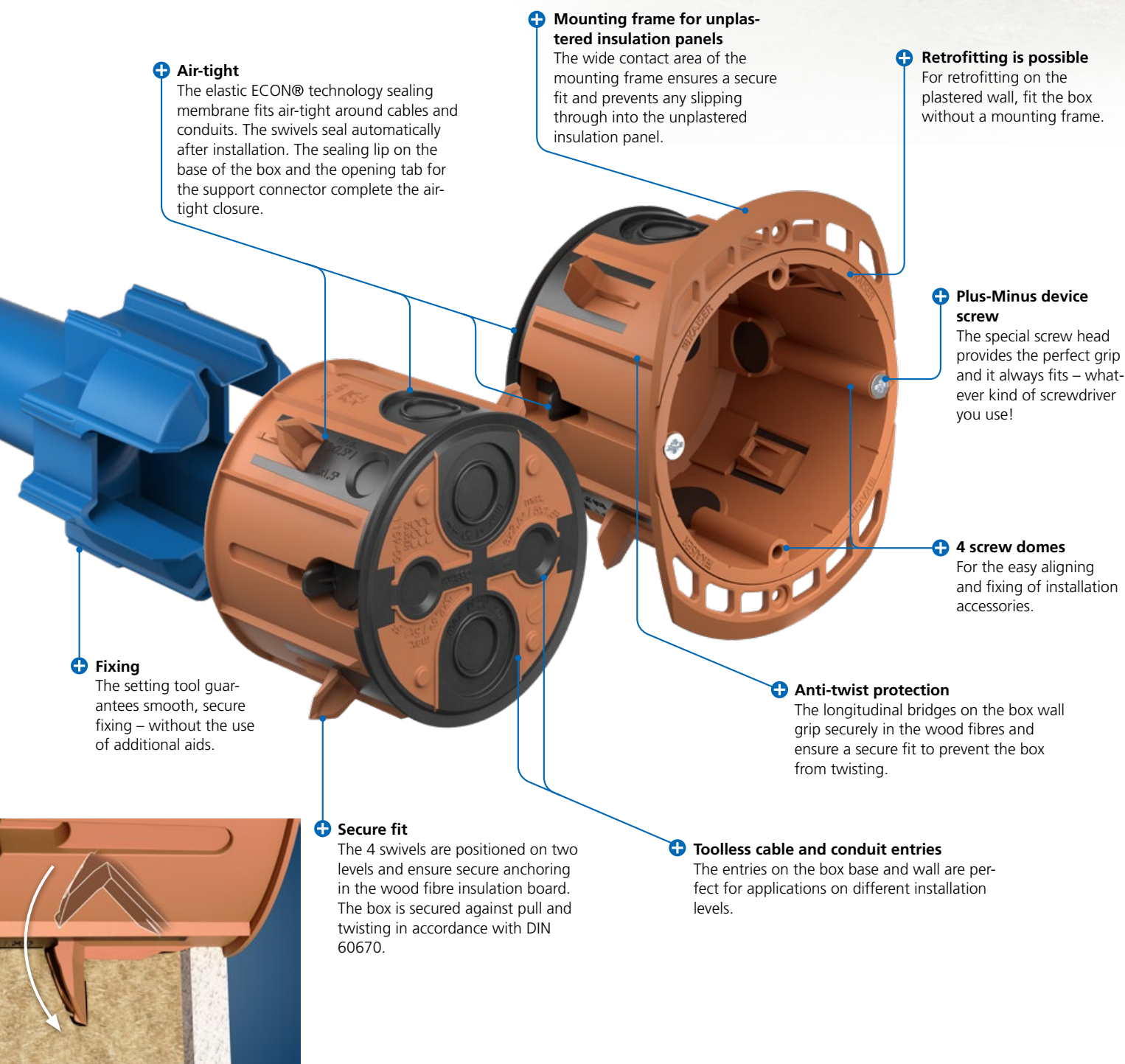
ECON® Iso +

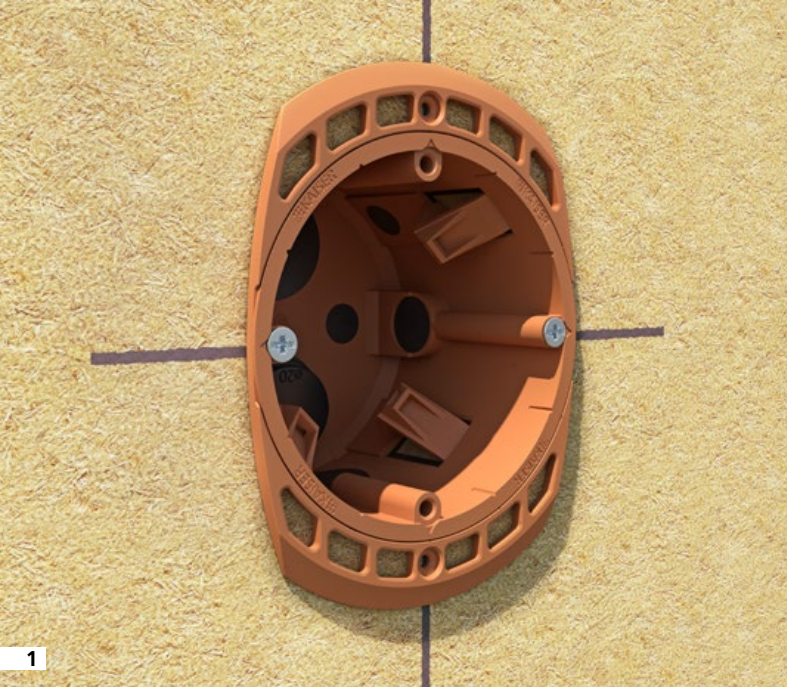
The innovation – for easy installation in wood fibre insulation boards

The **ECON® Iso + one-gang junction box** is the solution for electrical installation work in wood fibre insulation boards. Four swivels, specially designed for use in solid heat insulation and plaster base boards, ensure secure anchoring – also for retrofitting!

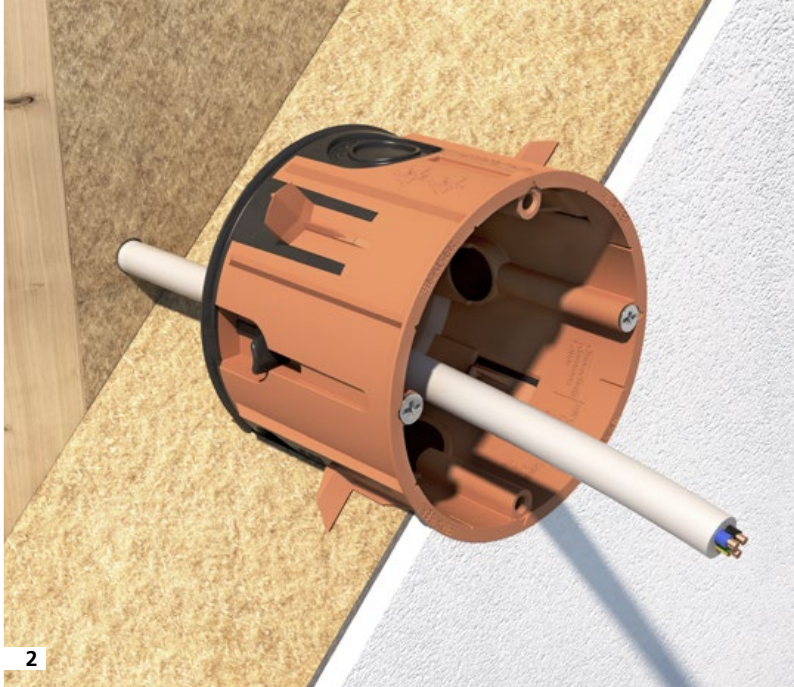
The **ECON® technology** elastic sealing membrane guarantees air tightness and allows the toolless insertion of conduits or cables. This means that switches, sockets, intercoms and many more can be installed permanently and securely and heat bridge-free.

- Air-tight and heat bridge-free electrical installation in accordance with DIN 18015-5
- Suitable for pressure-resistant insulation panels of 60 mm thickness and thicker
- 4 swivels for secure mechanical anchoring
- Making of combinations is possible





1



2



3



4



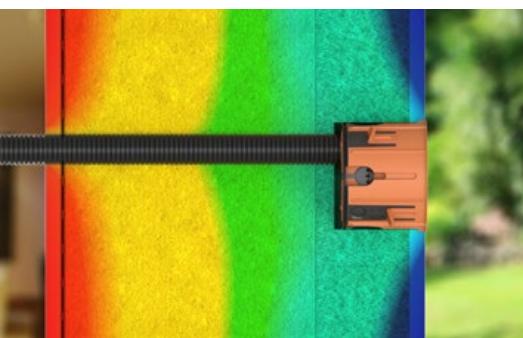
5

- 1 Mounting in an unplastered insulation panel – use a mounting frame.
- 2 Mounting in a plastered insulation panel is possible, even with an existing cable.
- 3 The membrane which seals the swivel guarantees airtightness.
- 4 Plenty of entry options using **ECON® technology** for conduits and cables.
- 5 Plenty of installation space and four attachment points for user-friendly mounting of the installation accessories.



Award 2019.

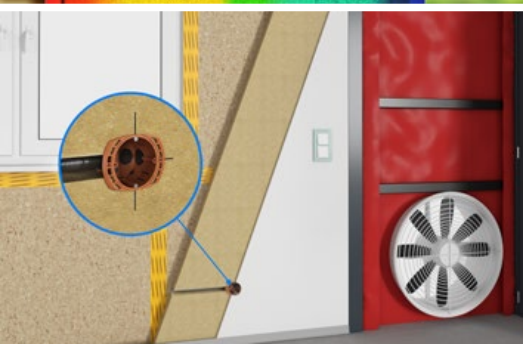
As product of the year and awarded from the BAKA at the BAU fair.



Certified. The heat bridge calculation and the proof of air tightness prove the suitability of the **ECON® Iso +**

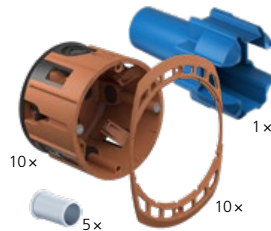


Ecological wall insulation in old and new buildings in both wood and solid constructions. ECON® Iso + is suitable for mounting in pressure-resistant wood fibre insulation boards with a medium gross density of 110 - 180 kg/m³



ECON® Iso + one-gang junction box

- Peripheral sealing lip
- 4 swivels
- With 2 Plus-Minus device screws
- Including mounting frame, setting tool and support connector



Depth	55 mm
for insulation thicknesses	> 60 mm
Cut hole Ø	68 mm
Device screws +/-	2
Cable entries up to Ø 11.5 mm	4
Conduit entries up to M20	4
halogen-free	•
	•
Art. No.	1159-55



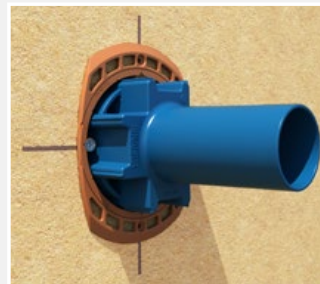
Mounting on unplastered insulation panel



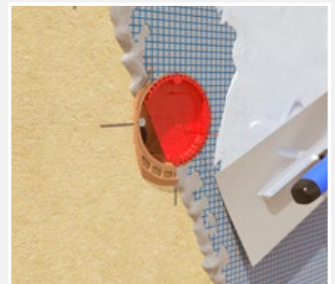
Cut the Ø 68 mm installation opening using a suitable cutter (e.g. Art. 1083-70; countersink hole cutter and ejector spring must be removed)



Fit mounting frame, then feed the cable or conduit through the air-tight membrane and into the box.



Using gentle pressure, insert the setting tool (Art. No. 1090-22) into the box as far as the stop. The swivels much expand completely.



Before plastering, fit the signal cover (Art. No. 1181-60). Protects the interior of the box, the screw domes and the screw heads.

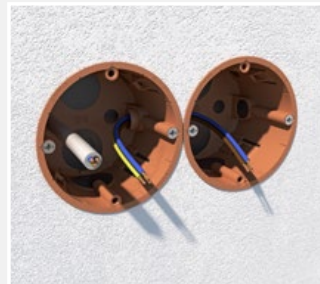
Mounting on plastered insulation panel in a combination



Using cutter (Art. No. 1088-07) and two centering aids (Art. No. 1090-68), cut two installation openings at least 55 mm deep and with a diameter of 68 mm.



The ECON® technology sealing membrane wraps itself air-tight round the cable during insertion.



Through-wiring takes place after removal of the opening tabs and fitting of the support connector.



Installation of various installation accessories is possible – including in combinations.

Matching accessories:



1040-16/-20 1181-60 1155-61/-62

Matching tool:



1090-68 1088-07 1083-70 1190-02

More articles for wood fibre insulation:



1159-50 1159-70

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Product film

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The basis for good installation