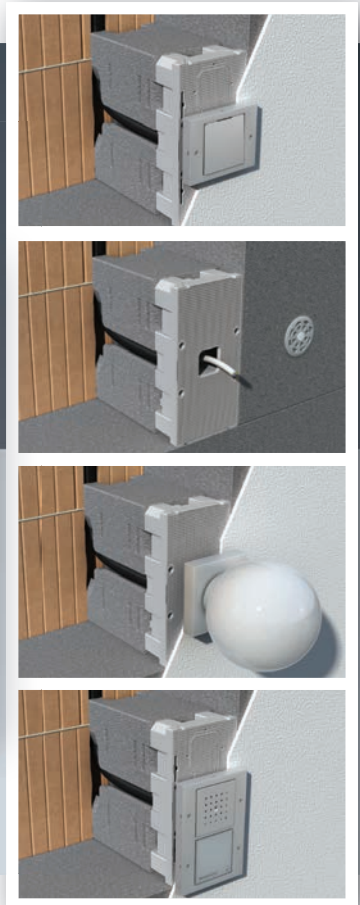
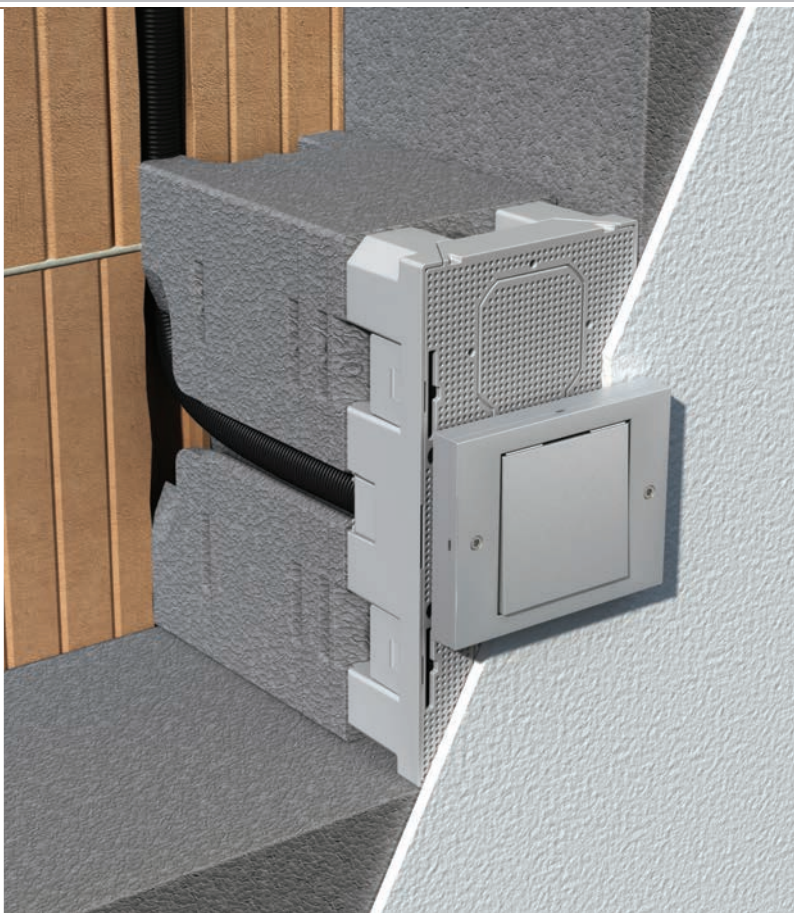
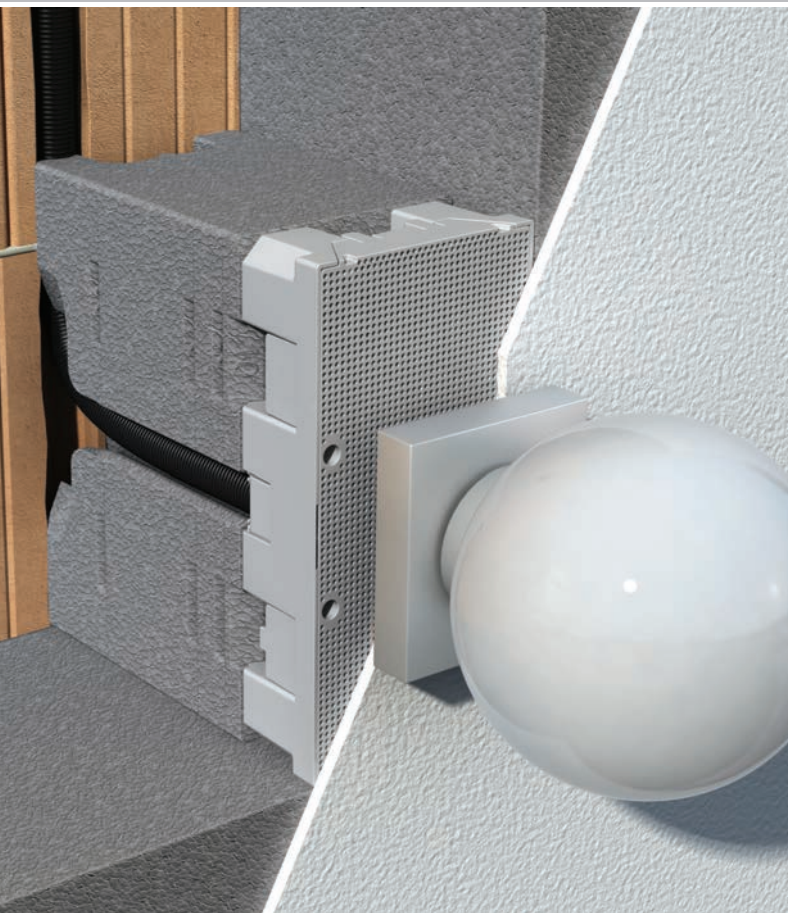


System equipment carrier. Heat bridge-free electrical installation in insulated facades.

Easy and fast installation





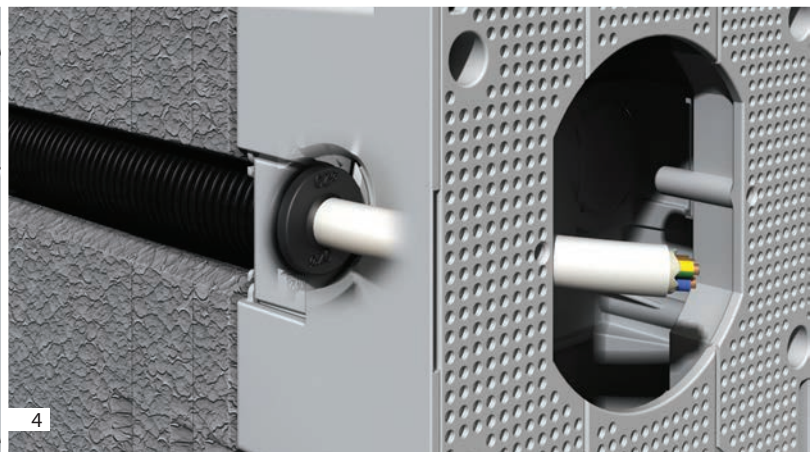
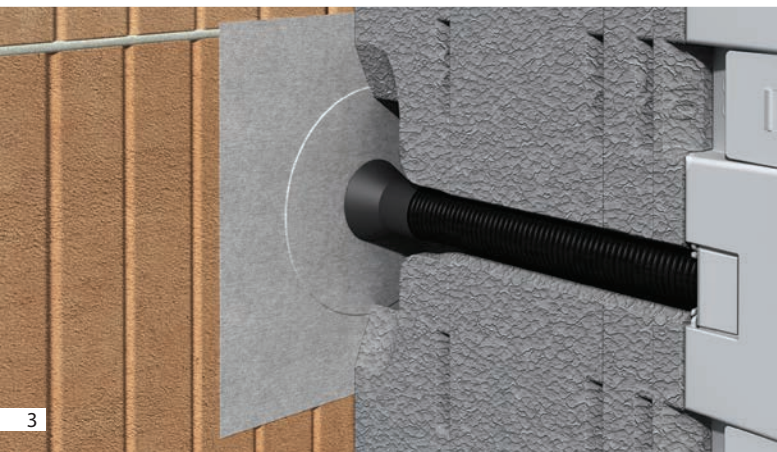
System equipment carrier for insulation thicknesses from 160 - 310 mm

The new system equipment carrier is designed to fit perfectly into the external insulation and becomes part of the composite thermal insulation system. This reliably prevents heat bridges.

The equipment carrier is fitted in the same way as the insulation: With a single hammer blow, drive the impact dowel (included) through the specified guide into the masonry – this anchors the equipment carrier securely and permanently. Ideal for sturdy fixing of external luminaires, sockets, door intercom systems and many more. Heavy loads are not a problem.

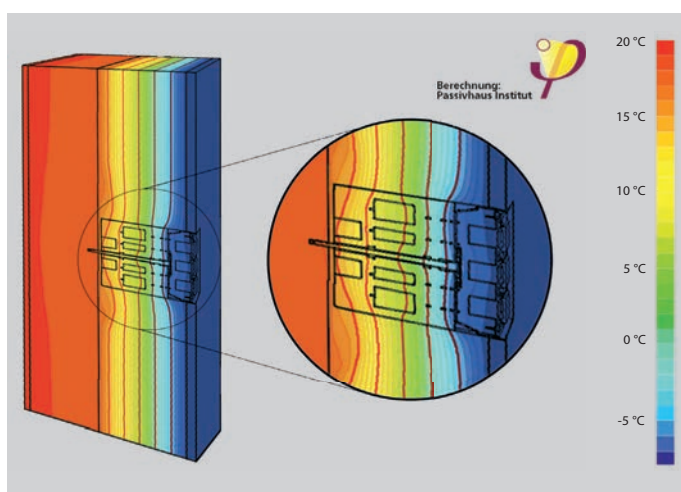
- Extra-fast, easy installation
- 2 product types allow a wide range of applications
- Heat bridges are efficiently prevented
- Adaptable to insulation thickness in 10 mm steps – no cutting necessary
- Modular design for insulation thicknesses from 160 to 310 mm





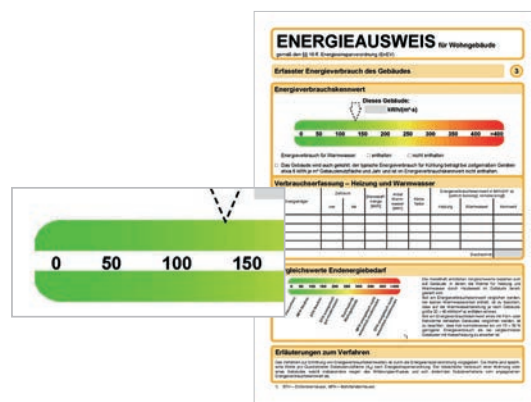
Tips and tricks

- 1 For an additional conduit, remove the bridges next to the Neopor® parts ...
- 2 and break out the perforated entry next to the dowel cover.
- 3 For air-tight installation, fit a suitable air-tight sleeve to the conduit exit site ...
- 4 and fit a sealing plug to the conduit.



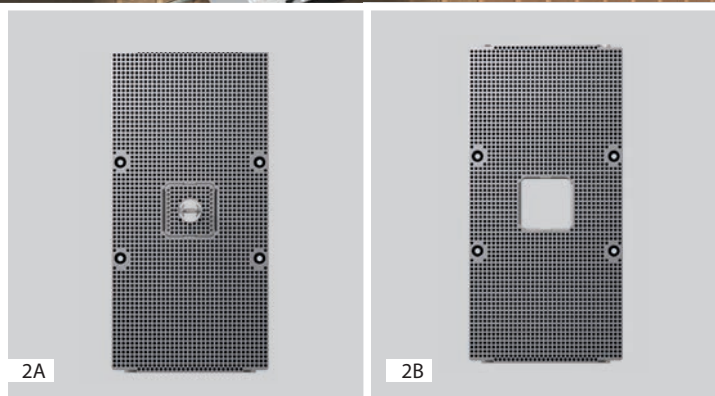
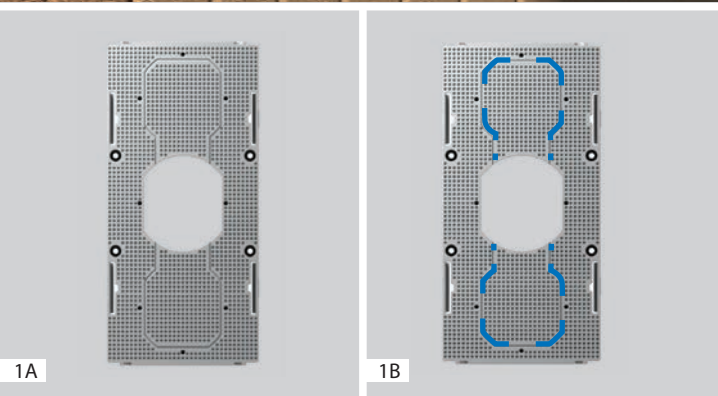
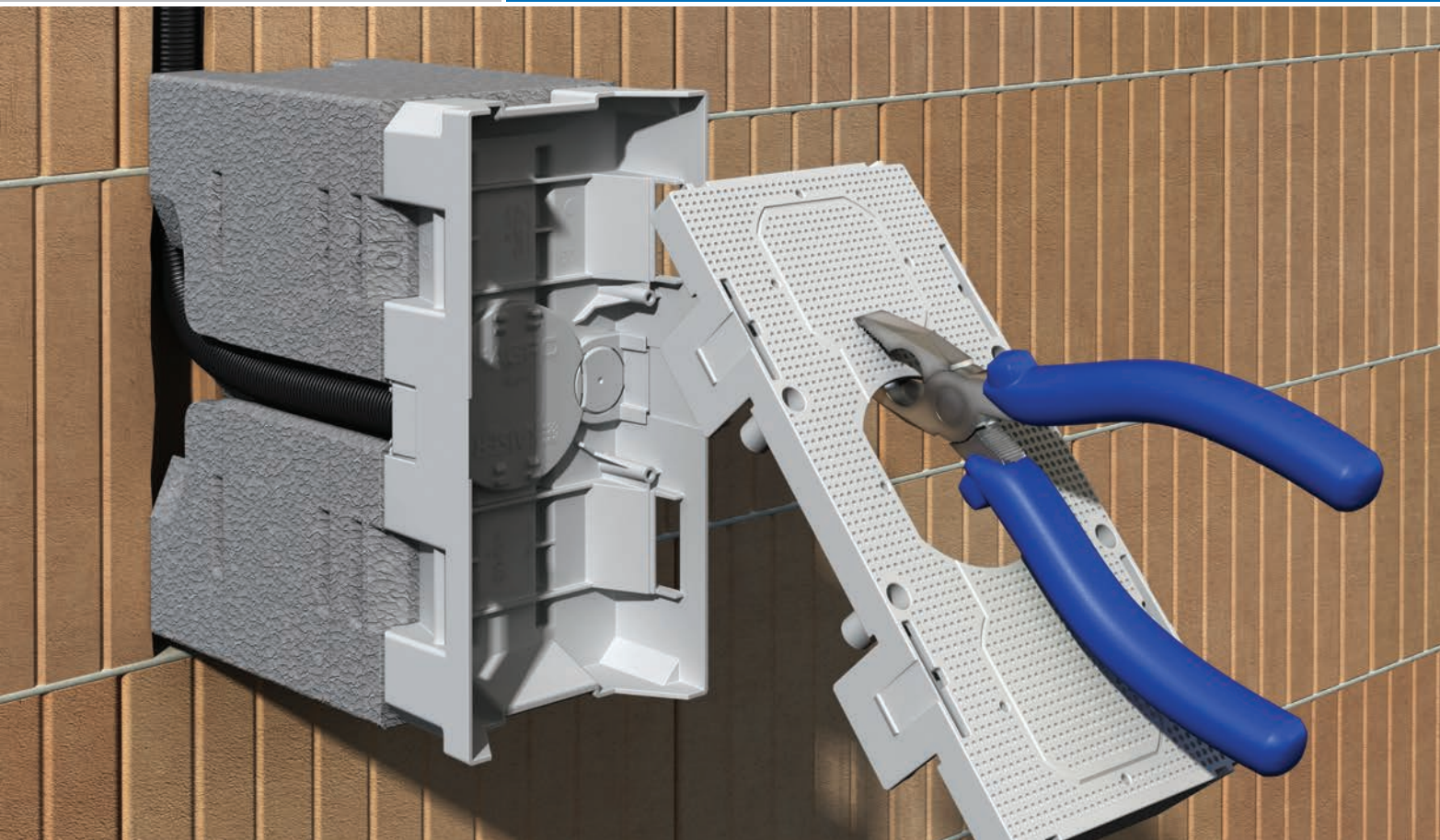
Heat bridge calculation

A heat bridge calculation carried out by the Passivhaus Institut in Darmstadt shows that the system equipment carrier has a point-specific heat bridge loss coefficient of $xWB < 0,01 \text{ W/K}$ and meets the requirements of a heat bridge-free facade.



Energy-Saving Ordinance

Despite the fitting of the electrical installation, air-tightness and absence of heat bridges are still guaranteed. This ensures adherence to the building efficiency requirements as defined by the Energy-Saving Ordinance.



Combinations with front panels

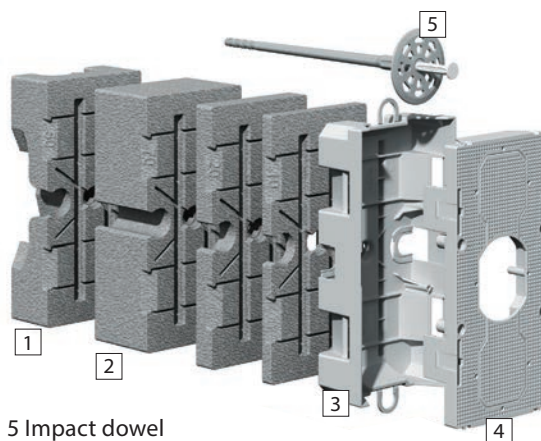
- 1A Multiple accessories front panel (Art. 9966.31 and 9966.32); opening $\varnothing 1 \times 68$ mm
- 1B 2-way and 3-way combinations can be made by breaking out the covers

- 2A Delivery status 9966.21 and 9966.22, Universal mounting plate.
- 2B Universal mounting plate with broken-out exit for luminaires.

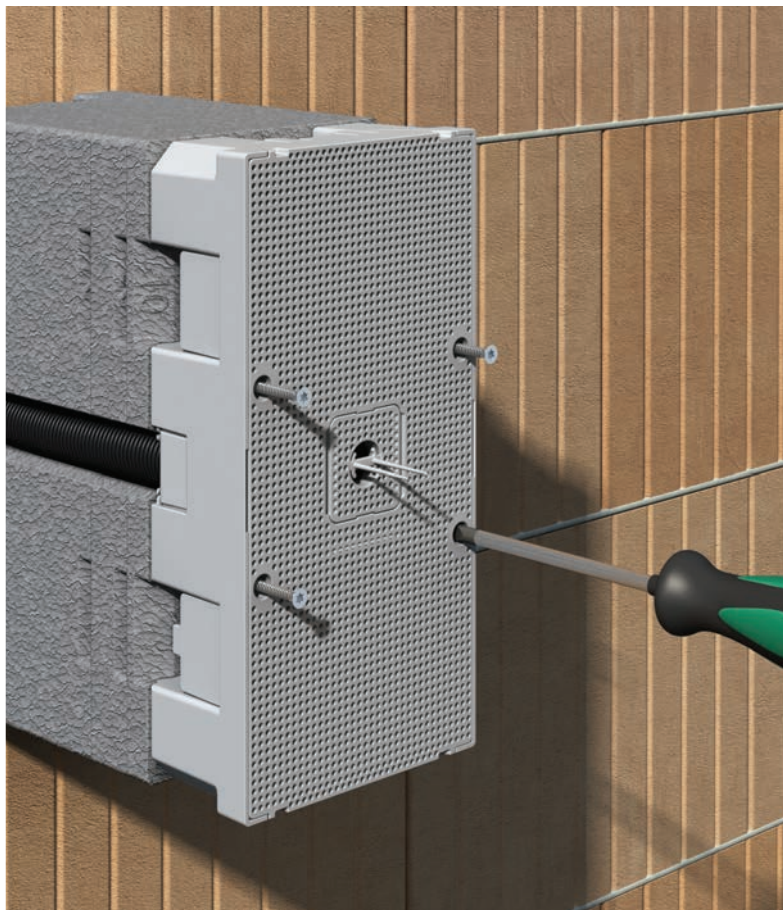
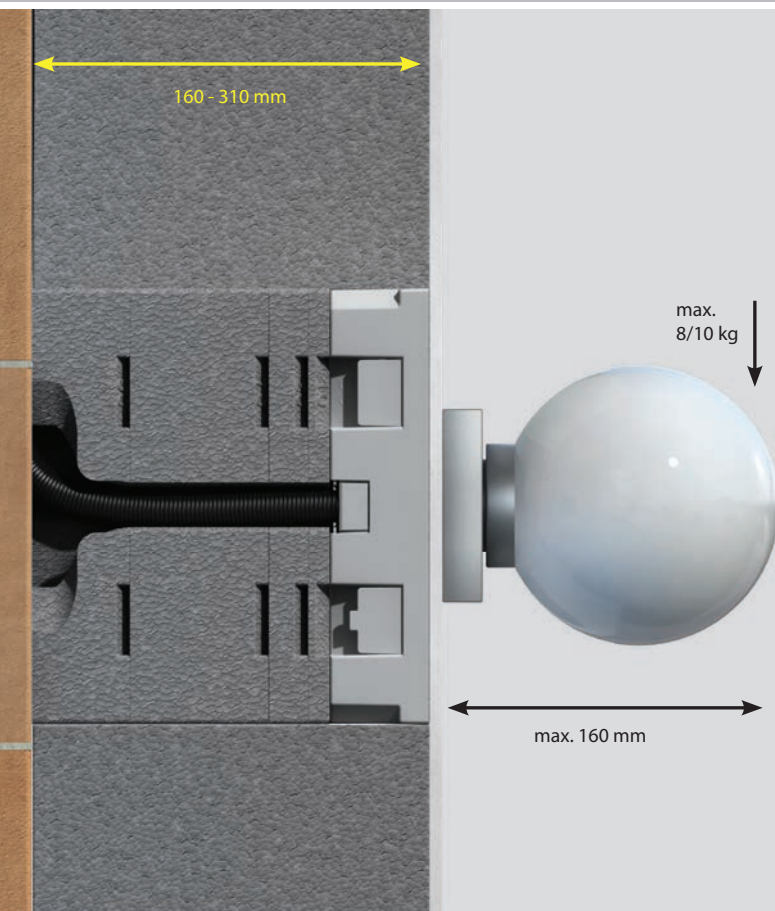
System equipment carrier | Art. No. 9966.31

Versatile in use

The choice of two front parts and the modular design make the system equipment carrier a product which is extremely versatile in use. Cutting is not necessary because of adaptation to the insulation in 10 mm steps. Fixing by means of a single impact dowel reduces installation time to a minimum, and at the same time it ensures secure anchoring to the masonry.



- 1 Basic element | 2 Intermediate elements | 3 Housing base | 4 Front plate | 5 Impact dowel



Weight-bearing loads – independently of the insulation thickness

For an overhang of 160 mm and insulation thickness of 160 - 310 mm

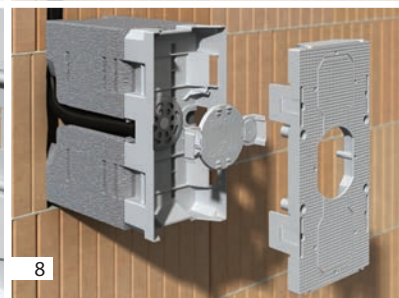
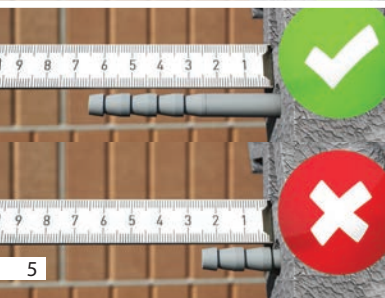
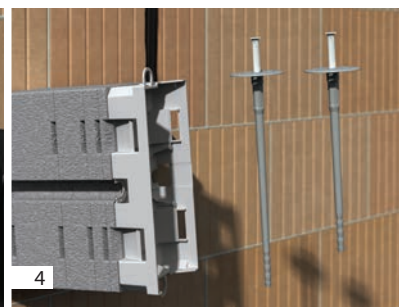
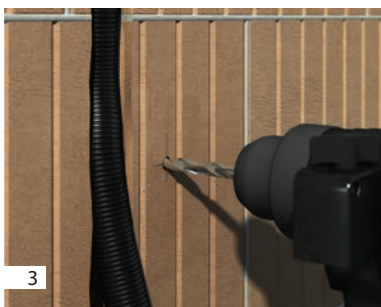
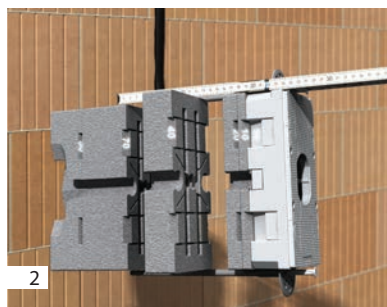
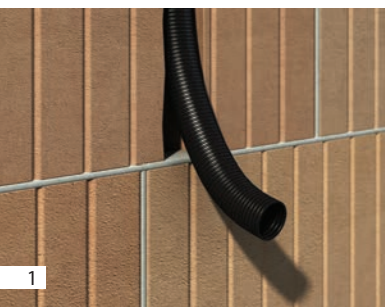
- 8 kg without additional screwing of the front plate
- 10 kg with additional screwing of the front plate

The system equipment carrier must be fitted vertically.

The **hole** for the **dowel** must be drilled to make an exact fit.

Increasing the weight-bearing loads

To support heavier loads, we recommend securing the mounting plate by means of four self-tapping screws Ø 3.5x25.



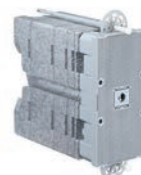
Installation

- 1 Masonry with conduit exit
- 2 Adapt equipment carrier to insulation thickness by selecting suitable components.
- 3 Drill a Ø 8 mm hole, and depth = overlength of dowel + 10 mm.
- 4 Remove the side lugs from the impact dowel. Note the different lengths!
- 5 Depending on the length of the dowel, it must protrude from the equipment carrier by at least 30 mm.
- 6 Hold the equipment carrier against the wall, align it, and fix it using the dowel.
- 7 Press the conduit into the side guide and cut it to length.
- 8 Attach dowel cover, then click required front part onto the housing base.

INNOVATION

System equipment carrier 160 - 240 mm

- Adaptation to insulation thickness possible in 10 mm steps
- Including 2 impact dowels
- Material: Polyethylene
- Insulation material: Neopor®
- Characteristics: Halogen-free
- Processing temperature: -5°C / +60°C

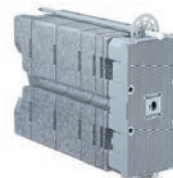
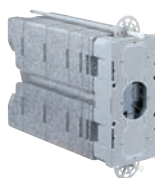


Length x Width x Depth	220x110x160-240 mm	220x110x160-240 mm
Combination conduit entries M20/25	2	2
Combinations	1x1 / 2x1 / 3x1	Luminaire exit / Mounting plate
Impact dowel	1 x 190, 1 x 230 mm	1 x 190, 1 x 230 mm
Art. No.	9966.31	9966.21
Packaging inner/dispatch	- / 5	- / 5

INNOVATION

System equipment carrier 240 - 310 mm

- Adaptation to insulation thickness possible in 10 mm steps
- Including 2 impact dowels
- Material: Polyethylene
- Insulation material: Neopor®
- Characteristics: Halogen-free
- Processing temperature: -5°C / +60°C



Length x Width x Depth	220x110x240-310 mm	220x110x240-310 mm
Combination conduit entries M20/25	2	2
Combinations	1x1 / 2x1 / 3x1	Luminaire exit / Mounting plate
Impact dowel	1 x 270, 1 x 310 mm	1 x 270, 1 x 310 mm
Art. No.	9966.32	9966.22
Packaging inner/dispatch	- / 5	- / 5

Tools

Sealing plug



DIN EN conduit Ø	20	25
Art. No.	1040-20	1040-25
Packaging inner/dispatch	25 / 100	25 / 100

Air-tight sleeves Fleece butyl



DIN EN conduit Ø	1 x 20	2 x 20	1 x 25
Art. No.	9089-48	9089-55	9089-49
Packaging inner/dispatch	10 / 30	10 / 30	10 / 30



3D-animation

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