

## Product description

The ECO-DRIVE-8 is made of polyamide, with a pin made of galvanized steel and a head sealed with glass fiber reinforced polyamide, which reduces the local thermal conductivity of the fastener. The use of the telescopic design significantly shortens installation time and eliminates the need for cutting tools in recessed installation.

## Technical description

- Plug diameter: 8 mm
- Disc diameter: 60 mm
- Installation: hammer-in installation
- Plug material: PA
- Anchorage depth: 35 / 55 mm
- Drill hole depth: 45 / 65 mm
- Thermal conductivity: 0.002 W/K
- Approval: ETA-13/0107



TORX-40



Innovative telescopic design













Polystyrene disc



## Range

Code	Dimensions (mm)	Insulation thickness (mm)	Quantity (pieces)
ECODRIVE08-150	8 x 150 mm	80 mm	100
ECODRIVE08-170	8 x 170 mm	100 mm	100
ECODRIVE08-190	8 x 190 mm	120 mm	100
ECODRIVE08-210	8 x 210 mm	140 mm	100
ECODRIVE08-230	8 x 230 mm	160 mm	100
ECODRIVE08-250	8 x 250 mm	180 mm	100
ECODRIVE08-270	8 x 270 mm	200 mm	100
ECODRIVE08-290	8 x 290 mm	220 mm	100
ECODRIVE08-310	8 x 310 mm	240 mm	100
ECODRIVE08-330	8 x 330 mm	260 mm	100
ECODRIVE08-350	8 x 350 mm	280 mm	100
ECODRIVE08-370	8 x 370 mm	300 mm	100
ECODRIVE08-390	8 x 390 mm	320 mm	100
ECODRIVE08-410	8 x 410 mm	340 mm	100
ECODRIVE08-430	8 x 430 mm	360 mm	100

## Load-bearing capacity

Substrate according to ETAG014	Description	Bulk density kg/dm <sup>3</sup>	Characteristic pull-out value
<b>A</b> 	Concrete C12/15	≥ 2,25	1.20
<b>A</b> 	Concrete > C16/20	≥ 2,30	1.50
<b>B</b> 	Brick	≥ 2,00	1.50
<b>B</b> 	Solid sand-lime brick	≥ 2,00	1.50
<b>C</b> 	Hollow sand-lime brick	≥ 1,60	1.50
<b>C</b> 	Porous blocks	≥ 1,20	1.50
<b>C</b> 	Porous blocks	≥ 0,80	1.50
<b>D</b> 	Quick-build block LAC	≥ 1,05	0.90
<b>E</b> 	Aerated concrete AAC2	≥ 0,35	0.60
<b>E</b> 	Aerated concrete AAC7	≥ 0,65	1.20

## Installation methode

1. Determine the type of substrate before installation and select suitable fasteners.
2. Choose an appropriate fastener length so that the expansion zone is located within the wall construction material.
3. Properly attach the thermal insulation panels using suitable adhesive.
4. The diameter of the drilled holes must match the diameter of the fasteners used.
5. Holes in solid substrates must be drilled at least 10 mm deeper than the anchoring depth of the fastener.
6. Clean holes in solid materials from drilling dust by moving the drill back and forth at low speed, repeating the process four times.
7. Drill holes in substrates such as perforated bricks and aerated concrete without the hammer function, as using it could crack the inner walls of the material and reduce the pull-out strength of the fasteners.
8. Position the fasteners so that the installation location corresponds to the area where adhesive has been applied to the insulation panel.
9. Press the fastener body in until the first ring surface under the support ring touches the polystyrene surface.
10. Then screw in the support ring using the EDST tool and finish the installation location with the supplied cover.

## Installation

Recessed installation with pressure plate

