

Product description

The WK THERM insulation plug is a passive plug with a very short expansion zone. It only needs to be fixed 25 mm into the wall. The pin combines the advantages of both a metal and a plastic pin. The metal pin is mounted in a plastic head, which minimizes heat transfer and also protects the pin against corrosion.

Technical description

- Plug diameter: 8 mm
- Disc diameter: 60 mm
- Installation: hammer-in installation
- Plug material: PE
- Anchorage depth: 25 mm
- Drill hole depth: 35 mm
- Thermal conductivity: 0.002 W/K
- Approval: ETA-11/0232



Steel pin with plastic head



Innovative design



Short expansion zone



For pre-installed expansion nail



Range

Code	Fastener diameter and length	Quantity		Quantity (pieces)
		Without cutter	With cutter	
WK THERM-08095	8 x 95 mm	60	80	200
WK THERM-08115	8 x 115 mm	80	100	200
WK THERM-08135	8 x 135 mm	100	120	200
WK THERM-08155	8 x 155 mm	120	140	200
WK THERM-08175	8 x 175 mm	140	160	200
WK THERM-08195	8 x 195 mm	160	180	200
WK THERM-08215	8 x 215 mm	180	200	200
WK THERM-08235	8 x 235 mm	200	220	200
WK THERM-08255	8 x 255 mm	220	240	200
WK THERM-08275	8 x 275 mm	240	260	200
WK THERM-08295	8 x 295 mm	260	280	200

Load-bearing capacity

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

Installation method

1. Identify the substrate and select the correct fasteners.
2. Choose the correct fastener length so that the expansion zone falls within the wall material.
3. Ensure that the drilled holes match the diameter of the fasteners.
4. For solid substrates, the holes must be 10 mm deeper than the anchorage depth.
5. Clean the holes from drilling debris by moving the drill back and forth.
6. Drill into hollow bricks without the hammer function to avoid damage.
7. Press the fastener in until the disc is flush with the insulation material.
8. Screw in the pin to secure the fastener.
9. Install fasteners in recesses using a plastic cutter (recessed installation).
10. Cover the installation with a polystyrene disc (recessed installation).

Installation

