

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 reduces heat transfer to almost a minimum 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 (65 mm in aerated concrete)
- Drill hole depth: 35 / 75 mm
- Thermal conductivity: 0.002 W/K
- Approval: ETA-11/0232



Metal pin with plastic head



TORX connection



Short expansion zone



Innovative design



Range

Code	Fastener diameter and length	Quantity		Quantity (pieces)
		Without cutter	With cutter	
WKTH-S-08-095	8 x 95 mm	60	80	200
WKTH-S-08-115	8 x 115 mm	80	100	200
WKTH-S-08-135	8 x 135 mm	100	120	200
WKTH-S-08-155	8 x 155 mm	120	140	200
WKTH-S-08-175	8 x 175 mm	140	160	200
WKTH-S-08-195	8 x 195 mm	160	180	200
WKTH-S-08-215	8 x 215 mm	180	200	200
WKTH-S-08-235	8 x 235 mm	200	220	200
WKTH-S-08-255	8 x 255 mm	220	240	200
WKTH-S-08-275	8 x 275 mm	240	260	200
WKTH-S-08-295	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 C12/15	≥ 2,25	1.20
A 	Concrete > C16/20	≥ 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. Prepare the substrate.
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.
6. Drill into aerated concrete without the hammer function to avoid damage.
7. Place the fastener so that the disc is flush with the insulation material.
8. Screw in the nail to secure the fastener (TORX-40 connection).
9. Use the WK-FT polystyrene cutter for a recessed installation.
10. Cover the installation with a KS/KSG polystyrene disc (recessed installation).

installation

