

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

