LMX-08 Insulation Plug

Product description

LMX insulation plug for hollow and solid building materials – Metal

The LMX insulation plug is designed for fixing both rigid and soft insulation in hollow and solid substrates. Thanks to its metal expansion nail, the insulation plug is ideal for installing NON-self-supporting insulation.

Technical description

- Plug diameter: 8 mm
- Drill diameter for plug: 8 mm
- Anchorage depth: 25 / 65 mm
- Plug material: PE
- Expansion nail material: carbon steel; NYLON coating over the screw head
- Disc diameter: 60 mm
- Approval: ETA-16/0509

Approval for use in ventilated facade systems: AT-15-9399/20014

New improved design – 30 and 50 mm anchorage

Glass fiber reinforced pin

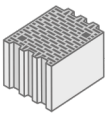
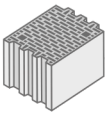
Special milling ribs

Innovative design

Assoirtment

Code	Diameter (mm)	Insulation thickness (mm)	Packaging (mm)
LMX08-070	08 x 95 mm	35 mm	200
LMX08-090	08 x 115 mm	55 mm	200
LMX08-110	08 x 135 mm	75 mm	200
LMX08-120	08 x 155 mm	95 mm	200
LMX08-140	08 x 175 mm	115 mm	200
LMX08-160	08 x 195 mm	135 mm	200

Load-bearing capacity

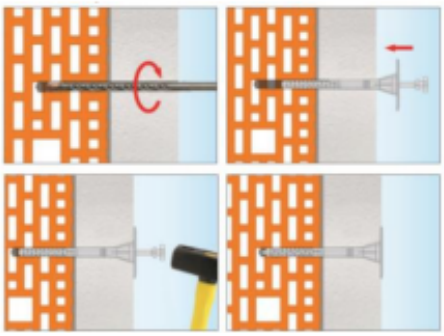
Substrate according to ETAG014		Description	Bulk density kg/dm³	Characteristic pull-out value
A		Concrete C12/15	≥ 1,80	0.50
A		Concrete > C16/20	≥ 2,30	0.75
B		Brick	≥ 2,00	0.75
B		Kalkzandsteen vol	≥ 2,00	0.75
C		Kalkzandsteen hol	≥ 1,60	0.75
C		Porous blocks	≥ 1,20	0.60
C		Porous blocks	≥ 0,80	0.40
D		Quick-build block LAC	≥ 1,05	0.75
E		Aerated concrete AAC2	≥ 0,35	0.75
E		Aerated concrete AAC7	≥ 0,65	0.90

Installation methode

1. Before starting the installation, the substrate must be identified and the correct fasteners selected.
2. The correct fastener length must be chosen so that the expansion zone is within the wall construction material.
3. The substrate must be prepared before installation according to the recommendations of the ETICS insulation system manufacturer.
4. The diameter of the drilled holes must match the diameter of the fasteners used.
5. For solid substrates, the holes must be at least 10 mm deeper than the anchoring depth of the fastener.
6. Holes in solid materials must be cleaned of drilling dust by moving the drill slowly back and forth, repeating this operation four times.
7. For substrates with hollow spaces and aerated concrete, drilling with a hammer function is not allowed to prevent cracking of the internal walls and to avoid reducing the pull-out strength of the fasteners.
8. The fastener body must be positioned so that the pressure plate is flush with the thermal insulation material.
9. Then insert the fastener pin to secure it permanently.
10. Fasteners can be installed in milled holes using the WK-FT cutter, referred to as flush installation.

Installation

surface mounting



recessed installation with polystyrene disc