

Insulation fixing FID-R

Thermal bridge-free installation of rainwater downpipes in insulation materials



Rainwater downpipes

Applications

- Thermal bridge-free installation of rainwater downpipes

Advantages

- Since the anchor is set exclusively in the insulation itself, fixtures can be installed without thermal bridges. The anchor offers an energy-optimised fixing.
- The hard-centering tip cuts its own way through the plaster, without the need

for pre-drilling, thus saving a stage of installation.

- The TX-drive allows for setting with standard tools, thus allowing for a fast and economic installation.

Building materials

- Polystyrene insulating boards
- Wood fibre insulating boards
- External thermal insulation composite system (ETICS)

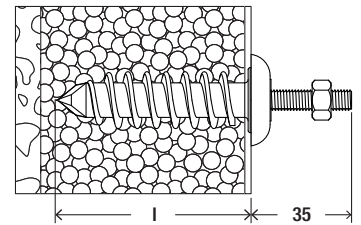
Functioning

- The installation is carried out without any special tools.
- The spiral thread taps itself in the insulation board.
- For the installation in wood fibre insulating boards a pre-drilling of the insulating board with 16 mm is necessary.
- For the installation before plastering the threaded rod is protected by a tube sleeve.
- The included white covering rosette with glued on PE sealing disc protects against humidity.

Installation in plastered insulating boards



Installation in non-plastered insulating boards



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Technical data

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FID-R

Item	Item No.	Anchor length l [mm]	Min. bolt penetration [mm]	Drive	Thread A	Sales unit [pcs]
FID-R zI	548404	95	95	T25	M 10	25
FID-R zI B	548405	95	95	T25	M 10	5

Loads

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Recommended loads¹⁾ for a single anchor.

Type		FID-R
Recommended loads in the respective base material $N_{rec}^{2)}$		
Polystyrene	PS 15	[kN] 0.17
Polystyrene	PS 20	[kN] 0.20

¹⁾ Required safety factors are considered.

²⁾ Valid for tensile loads.