

DHM Insulation Support

Fire-protection-tested metal insulation support for fire resistant insulation boards.



Building Materials

- ✓ Concrete
- ✓ Hollow blocks made from lightweight concrete
- ✓ Vertically perforated brick
- ✓ Perforated sand-lime brick
- ✓ Solid sand-lime brick
- ✓ Natural stone with dense structure
- ✓ Aerated concrete
- ✓ Solid brick made from lightweight concrete
- ✓ Solid brick

Detailed information on building materials can be found in the registration document

Applications

To fix fire-resistant soft or pressure resistant insulating materials, such as:

- ✓ Mineral / glass wool
- ✓ Light building boards made of wood wool
- ✓ Foam glass tiles

Also suitable for:

- ✓ Polystyrene Boards
- ✓ Coir Matting

Fire

- ✓ Fire Resistance Classification R120
- ✓ Guarantees a secure fixing of fire resistant insulation

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Installation Parameters

	DHM 40 A2	DHM 70 A2	DHM 100 A2	DHM 130 A2	DHM 160 A2	DHM 210 A2	DHM 260 A2
Nominal Drill Bit Diameter	8mm						
Drill Hole Depth	50mm						
Embedment Depth [hef]	40mm						
Min. Edge Distance	60mm						
Min. Spacing	120mm						
Max. Insulation Thickness	40mm	70mm	100mm	130mm	160mm	210mm	260mm

Recommended Tensile Loads

Concrete \geq C12/15	0.25kN*						
Solid Brick	0.25kN						
Aerated Concrete	0.1kN (No pre-drilling required)						

Note: DHM Insulation supports should be spaced in accordance with the Project Structural Engineers recommendations to ensure the recommended loads above are not exceeded.

*0.07kN in cracked concrete

A minimum of 4No DHM insulation supports per square metre are required, however, local conditions and insulation material variations may require a greater number of supports.

Where non rigid insulation is supported, an additional DTM 80 insulation disc should be used in conjunction with each anchor.

See DIBT Approval No. Z-21-8-2057 for full design parameters

Installation Instruction

Please refer to the manufacturer's website - www.fischer.co.uk

- ✓ The insulation support is set in push-through installation using a hammer
- ✓ The spring steel expands when hammered into the base material
- ✓ Use the DTM 80 plate (available separately) to fix soft insulating materials

