

TECHNICAL DATA SHEET

PENOSIL AquaBrake Manchette 432

Pipe penetration reinforcement patch

PENOSIL AquaBrake Manchette 432 is a waterproof reinforcement patch designed for sealing around pipe penetrations in wet room waterproofing systems. Used together with waterproofing mastic such as PENOSIL AquaBrake Fiber 640, it reinforces the structure of the mastic layer at the point where pipes pass through floors and walls — one of the most vulnerable details in any waterproofing installation.

The manchette is embedded between two layers of waterproofing mastic, forming a durable, watertight collar around the pipe. The manchette distributes stress and prevents cracking of the mastic layer, while the shaped central aperture ensures a close, sealed fit against the pipe surface.

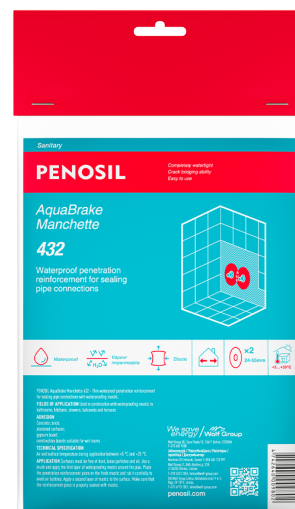
PENOSIL AquaBrake Manchette 432 is suitable for use in bathrooms, shower rooms, kitchens and other interior areas subject to a higher-than-average load of non-pressurized water.

Main benefits

- Completely watertight
- Crack bridging ability
- Easy to use
- Permanently elastic
- Suitable for heated floors
- Reinforces mastics
- For interior and exterior use

Fields of application

- Reinforces waterproofing mastic's structure.
- Sealing pipe penetrations in wet and humid areas before tiling and other finishing works.



Colour

Grey.

Package

2 pcs (24×55 mm) in a plastic bag.

PENOSIL AquaBrake Manchette 432

Adhering

- Liquid membrane (PENOSIL AquaBrake Fiber 640)

Application instructions

Application conditions

Application temperature between +5 °C and +40 °C.

Surface preparation

Surfaces to be sealed must be clean, dry and free from any dust, loose particles and oil residues.

Application method

Around pipe penetrations, use a reinforcement patch with a diameter at least three times larger than the opening.

Cut a hole in the centre of the patch 4–5 mm smaller than the diameter of the penetrating pipe, so that the edge of the fabric overlaps the pipe by 3–5 mm.

Using a putty trowel, apply a generous layer of fibre-reinforced waterproofing mastic PENOSIL AquaBrake Fiber 640 around the penetration.

Press the reinforcement patch tightly into the freshly applied mastic, ensuring that no air bubbles remain between the mastic and the patch.

Apply a second layer of mastic PENOSIL AquaBrake Fiber 640 over the reinforcement patch, ensuring that the patch is fully impregnated with the mastic.

If two patches are applied side by side, leave 5 to 7 cm overlap.

Limitations

- Make sure that the cured mastic layer does not contain any holes. It must be applied in an even layer.
- Verify the quality of your mastic layer before tiling.

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice. This TDS replaces and supersedes all previous data sheets on the same product.

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