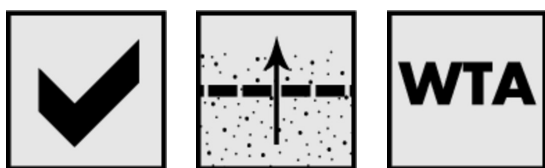


AQUAFIN®-i380

Injection cream for retroactive horizontal barriers



Material number	Contents	Unit of quantity	Packaging	Colour
204610003	5	L	Bucket	White
204610004	1	L	Tubular bag	White

Product features

- Vapour permeable
- Ready to use
- Tested and certified in accordance with WTA relevant guidelines up to 95% moisture penetration
- hydrophobic
- Solvent free

Advantages

- Easy and safe to use
- Low consumption
- High penetration depth
- Very high active ingredient content
- Prevents capillary water transport

Fields of application / waterproofing

- As a subsequent horizontal barrier against rising damp in masonry work
- Can be used without pressure and with low pressure techniques

Technical Data

Material properties

Product components	Ready to use
Base material	Silane
Consistency	Paste, creamy
Density (spec. weight)	approx. 0.9 g/cm ³

Application

Substrate/application temperature	from 5 °C to 30 °C
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AQUAFIN®-i380

Material consumption

Material consumption rate according to the area of application

Consumption AQUAFIN-i380				
Drill hole diameter: 12 mm; Drill hole depth = masonry thickness - 2 cm Drill hole spacing 12.5 cm; horizontal arrangement				
Wall thickness	Drill hole depth	Filling quantity per drill hole	Consumption per linear	Yield per 550 ml
11.5 cm	approx. 9.5 cm	approx. 11 ml	approx. 88 ml	approx. 6.4 m
24.0 cm	approx. 22.0 cm	approx. 25 ml	approx. 200 ml	approx. 2.8 m
36.0 cm	approx. 34.0 cm	approx. 38 ml	approx. 304 ml	approx. 1.8 m
42.0 cm	approx. 40.0 cm	approx. 45 ml	approx. 360 ml	approx. 1.5 m

Application technology

Aids/tools

- Electro-pneumatic drill
- Cartridge gun
- Suitable injection equipment
- Injection packer

Substrate preparation

Measures for substrate preparation

1. Remove old, damaged plasters, paints or coatings from the substrate up to 80 cm above the visible damaged area or the area delimited through inspections.
2. Masonry work with larger voids, chamber stones, cracks or open joints must be pressed out with ASOCRET-BM before drilling holes.
3. Scrape out crumbly masonry joints approx. 2 cm deep and clean the surfaces mechanically.
4. For the repair of surface irregularities and masonry joints, we recommend THERMOPAL®-GP11 or ASOCRET-M30.

Usage

Creation of drill holes

1. The drill hole spacing and the arrangement of the drill holes (1-row or 2-row) depends on the absorbency of the masonry work. The closer the drill hole spacing, the greater the certainty for the success of the measure.
2. As a rule, drill holes with a diameter of ≥ 12 mm are created at a distance of approx. 10-12.5 cm and an angle of inclination between 0° and 45° . When specifying the drilling angle be aware of the requirement to cover at least one bed joint, and ≥ 2 bed joints with thicker masonry work.
3. The drilled hole depth is approx. 2 cm (pressureless injection) or approx. 5 cm (low-pressure injection) less than the masonry work thickness.
4. For low or non-absorbent substrates, it is recommended to arrange the drill holes in two levels in the joint area. The height difference should be < 8 cm.
5. Prior to injection, dust from drilling must be removed thoroughly to ensure maximum possible absorption of the active substance in the masonry work.

Pressureless injection - implementation

1. Slowly pressing and simultaneously pulling out the injection hose ensures that the drilled holes are filled completely with AQUAFIN®-i380.
2. The drilled holes can be subsequently completely backfilled with ASOCRET-BM or sealed with suitable cement-based mortars.

Low pressure injection - implementation

1. Insert injection packer into the drilled holes.
2. Inject AQUAFIN®-i380 using the pressure method (< 10 bar). Maintain the injection until the adjacent grout is filled to a matt shine.
3. After injection, the injection packers are to be removed and the drilled holes are to be completely filled with ASOCRET-BM depending on the project or sealed on the surface with suitable cement-based mortars.

Storage conditions

Storage

Frost-free, cool and dry, 12 months in the original container. Promptly use opened container.

AQUAFIN[®]-i380

Disposal

Must not be disposed of in household waste. Do not allow to enter the sewer system.

Notes

- Protect surfaces that are not to be treated from the effects of AQUAFIN[®]-i380!
- The material is not suitable for hydrophobic action on alkaline surfaces, e.g. concrete components, etc.
- The basis of the renovation procedure is the WTA technical data sheet 4-10 – Masonry work injection against capillary moisture. Preliminary investigations (e.g. moisture balance, salt analysis) are generally required.
- For wall thicknesses over 60 cm, we recommend double-sided injection with AQUAFIN[®]-i380 or pressure injection.

Observe applicable safety data sheet!

The rights of the buyer with regard to the quality of our materials are based on our terms and conditions of sale and delivery. Our technical advice team will be happy to advise you in the case of requirements that exceed the scope of the application described here. In order to be binding, a legally binding written confirmation is required. The product description does not release the user from a duty of care. Lay a test area in the event of uncertainty. This version becomes invalid in the event of a new version being issued.