AQUAFIN®-i380

Injection cream for subsequent horizontal barriers



Material number	Package type	Colour	Units / pallet	Pc/package
204610003	5 l, pail	White	65,000	1,000
204610004	550ml tubular bag	White	288,000	6,000

Fields of application / waterproofing

- As a subsequent horizontal barrier against rising dampness in masonry work
- Suitable for all common types of masonry

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
- No uncontrolled drainage
- Pressureless application

Technical Data

Material properties

Product components	Ready to use
Base material	Silane
Consistency	Paste, creamy
Density (spec. weight)	approx. 0.9 g/cm³

Application

Substrate/application temperature	approx. 5 - 30 °C

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Material rate

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 metre	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

Processing equipment

Aids/tools

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

Preparing the substrate

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.

Application

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.
2. The drill holes are drilled with a diameter of ≥ 12 mm at intervals of approx. 10-12.5 cm. The injection holes should preferably be drilled horizontally, always starting from a masonry joint.
3. The drill hole depth is approx. 2 cm less than the masonry 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 offset should be <8 cm.
5. The drill holes must be cleaned of drilling dust by blowing them out

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. After applying the injection cream, seal the drill holes on the surface with ASOCRET-M30.

Storage conditions

Storage

Store in a frost-free, cool and dry place. 12 months in the original canister. Promptly use opened container.

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!

AQUAFIN®-i380

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