

Concrete construction waterproofing system



BETOCRETE[®]-C

Crystalline waterproofing admixture for enhancing crack healing and increasing durability in waterproof concrete components.

Problems Solved.





Crystalline waterproofing admixture for accelerated crack healing and durable concrete

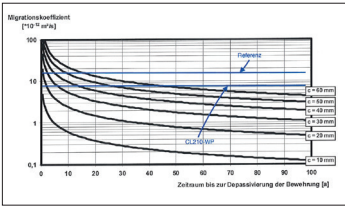
BETOCRETE-C

Water with damaging substances penetrates the concrete through cracks and capillary pores. Adding BETOCRETE crystalline waterproofing admixture makes the concrete more compact and cracks up to 0.4 mm can be sealed by crystallisation processes.

The resistance and with it the service life of the waterproof concrete component increases measurably.

CE





Durability

In addition to accelerating and enhancing crack healing in BETOCRETE concretes, the crystalline additive also counteracts attacks on concrete. Studies show that carbonation rates heavily reduce the rate of chloride ion migration. The active crystalline processes are effective over the entire service life of the concrete component. Depending on the reference concrete, the service life of the concrete component can be more than doubled.



Economic efficiency

BETOCRETE products can increase the economy of buildings over the short, medium and long term. Crystalline crack sealing reduces the number of injections during construction site operation or during the usage phase.

The waterproof BETOCRETE concrete component is established directly during concreting with the concrete additive.

Organisation of the construction site and the time required for subsequent waterproofing - e.g. by means of liquid - are eliminated, as is maintenance / restoration of the liquid waterproofing. And at the end of the component's service life,

the concrete including additive can simply be recycled. The principle economic benefit is the increased service life of the concrete component.



Reliability

SCHOMBURG has over 25 years of experience with crystalline waterproofing admixtures. Our technicians provide support and the certified concrete testing centre assists with devising the concrete formula (mix design) and use of the coordinated accessories.



Environmental friendliness

Structural waterproofing is established with BETOCRETE concrete by dosing crystalline waterproofing admixture directly into the concrete. The use of recyclable IBCs or water-soluble bags does not generate construction site waste - unlike with liquid waterproofing products. The products last for the life of the building component, which makes renovation cycles with liquid waterproofing products superfluous. And at the end of the component's service life, the concrete component can simply be recycled.

Reliability in the system:



BETOCRETE-CP350-CI

BETOCRETE-CP350-CI is a powder concrete admixture for the production of waterproof concrete with the innovative 2 in 1 technology.



BETOCRETE-CP360-WP

BETOCRETE-CP360 -WP is a powder concrete admixture for the production of waterproof concrete with the innovative 2 in 1 technology.



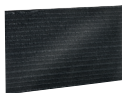
BETOCRETE-CL170-P

BETOCRETE-CL170-P is a liquid concrete admixture for the production of waterproof concrete with the innovative 2 in 1 technology.



BETOCRETE-CL210-WP

BETOCRETE-CL210-WP is a liquid concrete admixture for the production of waterproof concrete with the innovative 2 in 1 technology.



AQUAFIN-CJ5

AQUAFIN-CJ5 is a crystalline joint sheet for the internal waterproofing of construction joints in concrete structures.



AQUAFIN-WM12

AQUAFIN-WM12 is a fresh concrete waterproofing membrane system for the reliable waterproofing of horizontal and/or vertical building components in direct ground contact.

Increase durability through crack healing and a more compact concrete structure

Crystalline effect and concrete admixture in accordance with DIN EN 934-2

Powder and liquid dosing in the concrete possible

Waterproofing products and system accessories in the SCHOMBURG range

BETOCRETE, distributed with immediate effect by



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