

SA Aqua-Stop

HANDLEIDING + TECHNISCH INFORMATIEBLAD

PRODUCT DISCRIPTION

SA AquaStop is a one component hybrid waterproofing for producing waterproofing in combination with BaseBeton, BaseBeton Plus, BaseBeton Solid and Beton Ciré Original in interior spaces. SA AquaStop is a ready-to-use product and can be applied as a sealing film or as a sealing compound in two different thicknesses, depending on the water load.

PROPERTIES

- Ready to use
- Highly flexible, crack bridging and fiber reinforced
- No primer required
- Easy removal of partial material quantities
- With visible curing control
- High UV, frost and aging resistance
- Tested according to BS EN 14891
- Can be troweled and rolled
- Crack bridging ability at very low temperatures (-20 °C)
- Tested in accordance with BS EN 14891
- Due to its high fibre content, the finished surface has a particularly good grip and thus forms an excellent contact surface for the Stone Age products to be applied later.

APPLICATION AREAS

Sealing of:

- Concrete, lightweight concrete and aerated concrete
- Cement and calcium sulphate screeds
- Plasters of categories CS II, CS III and CS IV according to DIN EN 998 (compressive strength $\geq 1.5 \text{ N/mm}^2$) and gypsum plaster according to DIN EN 13279 (compressive strength $\geq 2.0 \text{ N/mm}^2$)
- Fibre cement boards
- Gypsum plasterboards
- Old tiling that has been flattened

SUBSTRATE PREPARATION

The substrate must be in the following condition:

- Dry to moderately moist, clean and frost-free.
- Load-bearing
- Free of grease, paint, cement residues, separating agents and loose parts.

Important:

- Seal gaps in the substrate with casting resin.
- Levelling irregular substrates
- On porous or shrunken surfaces apply a epoxy filler beforehand.
- Prime absorbent substrates with MCG/Ecohecht and allow to dry.

TECHNICAL DATA

Material basis	Polymer dispersion with special additives, fine mineral aggregates and fibres
Colour	Grey
Packaging	10 kg bucket
Storage	Frost-free, cool and dry at least 12 months in its original sealed container
Density	~ 1.1 kg/ dm ³
Consumption	
Interior areas with moderate water exposure (for manufacturing the minimum dry layer thickness dmin of 0.5 mm)	~ 800 gr/m ²
Working time	> 1.5 hours
Time interval between individual layers:	
dmin = 0.5 mm	~ 1.5- 2 hours
dmin = 2.0 mm	~ 4- 5 hours
Ready to be covered with Stone Age products	After complete through-drying of the second layer
Consistency	Application by trowel, spray gun, roller or paint brush
Application and substrate temperature	+ 15 °C up to + 25 °C
Cleaning agent	
When fresh	Water
When fully cured	Mechanical

All mentioned times apply at normal climatic conditions, a temperature of + 15-25°C and a relative humidity of 50%.

Higher temperatures and lower humidity accelerate curing, lower temperatures, and higher humidity slow down curing.

APPLICATION

Mix SA Aqua-Stop with a trowel and apply in at least two coats. Apply the first layer while scraping. The first coat of SA Aqua-Stop must be completely dry.

For application, we recommend a trowel or spackle knife (or first with roller).

To cover joints and connections, interior corners, transitions and penetrations, SA Tape or SA Rosette with the corresponding shaped pieces are incorporated into the first layer of waterproofing and filled with the second layer.

Visual drying check:

The drying of SA Aqua-Stop is complete when the waterproofing shows a light gray color over the entire surface, as opposed to the color when fresh (light gray/lilac).

IMPORTANT TIPS

Special features of hybrid waterproofing:

As a 2-in-1 product, SA Aqua-Stop meets the high requirements according to the PG AIV-F of the DIBt as a crack-bridging, mineral sealant and as a polymer dispersion and is also tested for outdoor use according to DIN EN 14891.

SA Aqua-Stop must be protected from moisture, drafts, sunlight and strong temperature fluctuations during curing. Negative water pressure must be avoided. During drying, the relative light humidity should not exceed 80%.

When waterproofing surfaces with a high water load (W2-I or W3-I according to DIN 18534), we recommend agreeing this type of application in writing with your client due to the material classification.

The special properties of SA Aqua-Stop have been verified by general test certificates issued by the building authorities for all areas of application listed in this leaflet.

For optimum results, we recommend a trial treatment tailored to the construction site.

LIST OF CHEMICAL RESISTANCE IN ACCORDANCE WITH EN 12808

water	+
bleaching lye	+
beer	+
acetic acid 5%	+
orange juice	+
lactic acid 2%	+
caustic soda 2%	+
nitric acid 2%	+
red wine	+

+ resistant

(-) partially resistant under occasional loading

- not resistant

Important notice:

The information given here is based on our experience to the best of our knowledge but is not binding. They must be adapted to the respective building objects, intended use and special local loads.

If this is the case, we are liable for the correctness of these data within the scope of our conditions of sale, delivery, and payment. Opinions of our employees that deviate from the information in our data sheets are only binding on us if they are confirmed in writing. In any case, the generally recognized rules of technology must be observed.

For further technical details, please consult our technical data sheets at www.stoneage.nl.
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