

ANTIPOR® aqua proof

Plasticizer with hydrophobing effects

Item No 2340

FIELDS OF APPLICATION

ANTIPOR® aqua proof is a plasticizer for producing manufactured concrete products. It is suitable for both manufacturing wetcast elements and fabricating paving blocks.

ANTIPOR® aqua proof generates a hydrophobic concrete structure during the production process. As a result, the hardened concrete is prevented from water penetration. Thereby the occurrence of efflorescence is minimised, and the frost resistance is significantly improved.

ANTIPOR® aqua proof improves concrete's compaction and attains a homogeneous structure. In paving block productions ANTIPOR® aqua proof minimises sticking to the ram and attains a closed vertical structure.

Additionally, ANTIPOR® aqua proof increases the strength development and the colour brilliance of coloured concrete significantly.

DOSAGE

Recommended dosage range 0.8 – 2.1 mass-% of the cement content;
is equivalent to 8 – 20 ml per kg cement.

WORKING PRINCIPLE

ANTIPOR® aqua proof penetrates the concrete structure, seals its capillary sub-surface, and thereby reduces its water absorption ability. Having this properties concrete is protected from efflorescence and frost damages.

TECHNICAL DATA

Homogeneity	homogenous
Colour	white
State	liquid
Density	1.04 ± 0.03 g/cm ³
pH-value	7.0 ± 1.0
Workability	from +1 °C
Shelf life	approx. 1 year from date of production if stored properly
Storage conditions	Store in unopened, original sealed packaging between +5 °C and +25 °C. Protect from frost and insolation

PROCESSING INDICATIONS

Agitation or circulation is recommended before the product is firstly used and after an undisturbed period.

ANTIPOR® aqua proof should not be mixed with other admixtures in dosing equipment!

ANTIPOR® aqua proof should be added to the ready mixed concrete batch.

The mixing time should be 45 seconds at least.

This product is not classified as hazardous according to the CLP regulations. See safety data sheet for further information.

PACKAGING

- 30 l can
- 200 l barrel
- 1000 l container

REMARKS

This information describes the application- and processing possibilities of a product and its operation principles under regular conditions. Having no influence on the further application and processing, especially in conjunction with other construction materials, the given indication are neither a warranty in respect of the product's properties or its fitness for a particular purpose nor a full instruction of use. This information, any other recommendation or verbal advice are not binding and do not infer to any liability or legal demand.

Due to continuous further development, the most recent Technical Data Sheet is valid and will be supplied on request. All orders are accepted subject to our current general terms and conditions.

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SUITABILITY- AND PRE-TESTS ARE NECESSARY BEFORE APPLYING THE CONCRETE ADMIXTURE!