

ANTIPOR® 70

Item No 2270

Plasticizer with efflorescence decreasing effects for manufactured concrete products

FIELDS OF APPLICATION

ANTIPOR® 70 is a plasticizer suitable for the production of manufactured concrete products in the consistency classes F1 – F3 (is equivalent to S1 – S3).

ANTIPOR® 70 improves concrete's compaction, attains a homogeneous structure and generates a hydrophobic concrete texture.

In addition ANTIPOR® 70 minimises sticking to the stamp and attains a closed vertical structure of concrete elements.

The hydrophobic properties prevent water penetration into the hardened concrete. The occurrence of efflorescence is minimised and the frost- and freeze-thawing salt resistances is significantly improved thereby.

DOSAGE

Recommended dosage range 0.6 – 1.0 mass-% of the cement content; is equivalent to 6 – 10 ml per kg cement.

WORKING PRINCIPLE

ANTIPOR® 70 penetrates the concrete structure, seals its capillary sub-surface and thereby reduces its stain- and 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 ± 0.02 g/cm ³
pH-value	10 ± 1
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 of time.

ANTIPOR® 70 should be added onto the ready mixed concrete mixture.

The mixing time should be 60 seconds at least.

This product is not classified as hazardous according to the EC directives, regulations on hazardous substances and forwarding instructions. The generally accepted precautions for handling chemicals must be followed. The corresponding Material Safety Data Sheet is available upon request.

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!