

ANTIPOR® 60 (ST)

Item No 2260

Stabiliser acc. to EN 934-2 with hydrophobic effects for coloured concrete products

FIELDS OF APPLICATION

ANTIPOR® 60 (ST) is an admixture for the manufacture of semi-dry vibrated or pressed concrete products such as paving, slabs and kerbstones.

ANTIPOR® 60 (ST) generates a hydrophobic concrete structure during the production process. As a result, the water penetration in hardened concrete is minimised and the occurrence of efflorescence is decreased.

ANTIPOR® 60 (ST) homogenises the texture of concrete and allows an even and intense concrete colouring.

DOSAGE

Recommended dosage range 0.4 – 1.5 mass-% of the cement content;
is equivalent to 4 – 15 ml per kg cement.

PROCESSING INDICATIONS

ANTIPOR® 60 (ST) should be added to the ready-mixed concrete batch.

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

WORKING PRINCIPLE

ANTIPOR® 60 (ST) generates a hydrophobic capillary system in concrete which minimises the transportation of solved calcium hydroxide to the surface. The occurrence of efflorescence is minimised thereby.

ANTIPOR® 60 (ST) improves the cement dispersion within concrete which leads to a homogenous structure and closed concrete surfaces.

TECHNICAL DATA

Homogeneity	homogenous
Colour	milky
State	liquid
Density	1.00 ± 0.02 g/cm ³
pH-value	6 ± 1
Chloride content	< 0.10 mass-%
Alkali content (Na ₂ O equivalent)	< 1.0 mass-%
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.

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!