

ANTIPOR® 65 (ST)

Item No 2120

Stabiliser for concrete acc. to EN 934-2 with efflorescence decreasing and colour intensifying effect

FIELDS OF APPLICATION

ANTIPOR® 65 (ST) is a highly effective hydrophobing admixture for semi-dry manufactured concrete products, such as paving stones, slabs, palisades, and kerbstones.

ANTIPOR® 65 (ST) reduces efflorescence considerably and intensifies the colour of the concrete.

ANTIPOR® 65 (ST) can achieve the following benefits:

- Significantly reduced capillary absorption
- Prevention of water penetration into the hardened concrete
- Highly effective reduction of efflorescence
- Even and closed surface texture of concrete
- Colour intensifying effect
- Improved compaction of concrete due to plasticizer contained
- Increased resistance to frost and freeze-thaw agents
- Improved durability of concrete

DOSAGE

Recommended dosage range 0.2 – 0.5 mass-% of the cement content; is equivalent to 2 – 5 ml per kg cement.

WORKING PRINCIPLE

ANTIPOR® 65 (ST) improves the cement dispersion within concrete which leads to a better workability and a facilitated compaction of concrete.

ANTIPOR® 65 (ST) generates a hydrophobic capillary system in concrete which minimises the transport of solvated calcium hydroxide to the surface.

TECHNICAL DATA

Homogeneity	homogenous
Colour	yellowish
State	liquid
Density	1.04 ± 0.02 g/cm ³
pH-value	11.0 ± 1.0
Chloride content	< 0.10 mass-%
Alkali content (Na ₂ O equivalent)	< 4.0 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

PROCESSING INDICATIONS

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

ANTIPOR® 65 (ST) should be added onto the ready mixed concrete mixture.

The mixing time must comply with the regulations defined in EN 206-1.

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 is 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!