

ANTIPOR® HD395 (ST)

High-performance plasticizer acc. to EN 934-2 for semi-dry concrete

Item No 2380

FIELDS OF APPLICATION

ANTIPOR® HD395 (ST) is a high-performance plasticizer for semi-dry concrete especially designed for the production of manufactured concrete products.

ANTIPOR® HD395 (ST) is suitable for the following applications:

- MCP for gardening/ landscaping
- Pavers and patio slabs
- Hollow core slabs
- Concrete roof tiles
- Curbs
- Concrete pipes
- Segmental retaining walls

ANTIPOR® HD395 (ST) may lead to the following benefits:

- High workability
- Increased compactability
- Minimised sticking to the stamp
- Improved green strength
- High early and final strengths

Furthermore ANTIPOR® HD395 (ST) improves concrete's aesthetical appearance by attaining closed concrete surfaces and cohesive vertical structures. Less defective goods are produced.

These product properties may result in shorter cycle times, an improved productivity and an economic optimization of concrete.

DOSAGE

Recommended dosage range 0.20 – 1.50 mass-% of the cement content; is equivalent to 2 – 15 ml per kg cement.

The necessary admixture quantity needs to be determined in preliminary tests for each individual application.

WORKING PRINCIPLE

ANTIPOR® HD395 (ST) improves the cement dispersion within concrete which leads to a better workability and a facilitated compaction of concrete.

TECHNICAL DATA

Homogeneity	homogenous
Colour	amber
State	liquid
Density	1.03 ± 0.02 g/cm ³
pH-value	5 ± 1
Chloride content	< 0,1 mass-%
Alkali content (Na ₂ O equivalent)	< 8,5 mass-%
Workability	from +1 °C
Shelf life	approx. 1 year from date of production if stored properly
Storage conditions	stored in unopened, original sealed packaging between +5 °C and +25 °C. Protect from frost and insolation

PROCESSING INDICATIONS

ANTIPOR® HD395 (ST) is added to or after the mixing water.

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

This product is 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.