

STABILISIERER UW70 (ST)

Stabiliser for concrete acc. to EN 934-2

Item No. 0770

FIELDS OF APPLICATION

STABILISIERER UW70 (ST) is a profoundly effective admixture specially designed to obtain a high resistance to erosion and to significantly reduce the fresh concrete from demixing upon contact with water.

STABILISIERER UW70 (ST) is particularly suitable for the following applications:

- Concrete for piling
- Under water concrete
- Concrete for bank protection (waterways and rivers)
- Verge concrete
- Drainage concrete

When used for concreting of verges STABILISIERER UW70 (ST) largely prevents the cement paste from draining.

DOSAGE

Recommended dosage range from 0.1 – 2.0 mass-% of the cement content;
is equivalent to 1 – 17 g per kg cement.

WORKING PRINCIPLE

STABILISIERER UW70 (ST) develops a high resistance to erosion and washouts of the grouting mortar.

The admixture reduces the bleeding of concrete significantly in both pressureless environments and when extreme pressure from the concrete occurs (e.g. concrete for piling).

TECHNICAL DATA

Homogeneity	homogenous
Colour	grey
State	powder
Density	2.2 ± 0.1 g/cm ³
Chloride content	< 0.10 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	Store in unopened, original sealed packaging between +5°C and +25°C. Protect from frost and insolation.

PROCESSING INDICATIONS

STABILISIERER UW70 (ST) should be added to the sand/gravel mixture and mixed for 30 seconds prior to addition of cement. Afterward the concrete can be produced as usual.

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

The consistence of concrete should be regulated by adding plasticizers and/or superplasticizers of our PANTARHIT®-line.

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

PACKAGING

- 1 kg bag
- 25 kg bag

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.

Edition: 31 August 2020

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