

STABILISIERER UW70HH (ST)

Powdery stabiliser for concrete acc. to EN 934-2

Item No. 0777

FIELDS OF APPLICATION

STABILISIERER UW70HH (ST) is a highly effective admixture that achieves very high erosion resistance and significantly reduces the segregation of fresh concrete upon contact with water.

STABILISIERER UW70HH (ST) is particularly suitable for the following applications:

- Underwater concrete
- Concrete for bank protection of inland waterways and rivers
- Drainage concrete
- Self-compacting concrete
- Pile concrete
- Diaphragm wall concrete
- Fiber-reinforced concrete

When used for concreting of verges STABILISIERER UW70HH (ST) largely prevents the washout of cement paste.

DOSAGE

Recommended dosage range from 0.02 – 2.0 mass-% of the cement content.

WORKING PRINCIPLE

STABILISIERER UW70HH (ST) increases the viscosity and cohesion of the concrete. As a result, the concrete develops a very high resistance to wash-out.

In environments with no pressure as well as under high concrete pressures, such as in bored pile or diaphragm wall concretes, STABILISIERER UW70HH (ST) significantly minimizes segregation of water and increases its water retention capacity.

TECHNICAL DATA

Homogeneity	homogenous
Colour	light grey
State	powder
Density	1.85 ± 0,1 g/cm ³
pH value*	8.0 ± 1.0
Workability	from +1 °C
Shelf life	Unopened approx. 1 year from the date of production if stored correctly. Opened batches should be used promptly.
Storage conditions	Store in unopened, original sealed packaging between +5°C and +25°C. Protect from frost and insolation.

* 1% in water

PROCESSING INDICATIONS

STABILISIERER UW70HH (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 consistency of the concrete can be adjusted 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

- Water-soluble bags of 1 kg; 20 bags per bucket
- 13 kg paper bags; pallet with 40 bags

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.

Edition: 10 September 2025

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