

## STABILISIERER UW50 (ST)

Item No 0750

**Stabiliser for concrete acc. to EN 934-2 with plasticizing effects in powder form**

### FIELDS OF APPLICATION

STABILISIERER UW50 (ST) is a powdery stabiliser for reinforced and unreinforced underwater concrete. STABILISIERER UW50 (ST) reduces the washout tendencies during the placing process into the water in a free fall pouring.

STABILISIERER UW50 (ST) ensures an objective oriented production of concrete with a very soft consistency and is especially suitable for producing self compacting concrete.

### DOSAGE

Recommended dosage range 0.1 – 1.5 mass-% of the cement content; is equivalent to 1 – 15 g per kg cement.

### WORKING PRINCIPLE

STABILISIERER UW50 (ST) induces a plasticizing effect in the concrete mixture and stabilises its structure.

STABILISIERER UW50 (ST) increases concrete's viscosity and reduces its segregation and bleeding tendencies.

### TECHNICAL DATA

Homogeneity	homogenous
Colour	grey
State	powder
Density	2.2 ± 0.1 g/cm <sup>3</sup>
Chloride content	< 0.10 mass-%
Alkali content (Na <sub>2</sub> 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

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STABILISIERER UW50 (ST) should be added to the sand/gravel mixture and mixed for 30 seconds before the cement is joined. Afterward the concrete can be produced as usual.

The workability of concrete should be regulated accordingly to the requirements by adding Ha-Be plasticizers and/or superplasticizers.

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

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- 1 kg bag
- 25 kg bag

## REMARKS

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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!**