

# STABILISIERER LC (ST)

**Stabiliser for concrete acc. to EN 934-2**

Item No 0725

## FIELDS OF APPLICATION

STABILISIERER LC (ST) is a stabiliser especially designed for the production of lightweight concrete and concrete manufactured with lightweight aggregates.

STABILISIERER LC (ST) decrease floating of particles and aggregates and keeps the concrete in homogenous condition. Since the special formulation stabilises the gain texture, the segregation tendencies in concrete can be greatly reduced.

Applying STABILISIERER LC (ST) increases concrete's water retention capacity and optimises its workability.

STABILISIERER LC (ST) ensures an objective oriented production of concrete with a very soft consistency.

## DOSAGE

Recommended dosage range 0.2 – 2.0 mass-% of the cement content; is equivalent to 2 – 20 ml per kg cement.

## WORKING PRINCIPLE

STABILISIERER LC (ST) has a homogenising and plasticizing effect and improves the water retention capacity of mortar and concrete.

STABILISIERER LC (ST) confers a thixotropic effect on soft concrete in static condition. This effect is decreasing immediately after applying external forces. The flowing properties of concrete are only insignificantly influenced.

## TECHNICAL DATA

Homogeneity	homogenous
Colour	blue
State	liquid
Density	1.01 ± 0.02 g/cm <sup>3</sup>
pH-value	10.0 ± 1.0
Chloride content	< 0.10 mass-%
Alkali content (Na <sub>2</sub> O equivalent)	< 1.0 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

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STABILISIERER LC (ST) is either added to the sand/gravel mixture or to the pre-mixed concrete.

After STABILISIERER LC (ST) has been added a thorough mixing has to be ensured.

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

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- 30 l can
- 200 l barrel
- 1000 l container
- loose by bulk supply

## 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.

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