

STABILISIERER D (ST)

Item No 0738

Stabiliser for concrete acc. to EN 934-2 with plasticizing effects

FIELDS OF APPLICATION

STABILISIERER D (ST) is a stabiliser for producing lightweight concrete or concrete with a dense structure and is applied in order to stabilise the grain texture and to reduce the segregation tendencies in soft concrete.

STABILISIERER D (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 0.2 – 2.0 mass-% of the cement content;
is equivalent to 2 – 20 ml per kg cement.

WORKING PRINCIPLE

STABILISIERER D (ST) induces a plasticizing effect in the concrete mixture and improves the water retaining ability of mortar and concrete.

STABILISIERER D (ST) adds a certain thixotropy to soft concrete, which will decrease immediately after applying external forces. The flowing properties of concrete are only insignificantly influenced.

TECHNICAL DATA

Homogeneity	homogenous
Colour	brown
Chemical base	modified polysaccharides
State	liquid
Density	1.01 ± 0.02 g/cm ³
pH-value	6 ± 1
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 D (ST) is either added to the sand/gravel mixture or to the pre-mixed concrete.

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

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

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

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!