

STABILISIERER 72 (ST)

Stabiliser for concrete acc. to EN 934-2

Item No 0720

FIELDS OF APPLICATION

STABILISIERER 72 (ST) is a stabiliser for producing lightweight concrete or concrete with dense structures and is applied in order to stabilise the grain texture and to reduce the segregation tendencies in soft concrete.

STABILISIERER 72 (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 – 4.0 mass-% of the cement content;
is equivalent to 2 – 40 ml per kg cement.

WORKING PRINCIPLE

STABILISIERER 72 (ST) induces a plasticizing effect in the concrete mixture and improves the water retaining ability of mortar and concrete.

STABILISIERER 72 (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	colourless to yellowish
State	liquid
Density	1.00 ± 0.02 g/cm ³
pH-value	7.5 ± 1
Chloride content	< 0.10 mass-%
Alkali content (Na ₂ 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

STABILISIERER 72 (ST) is either added to the sand/gravel mixture or to the pre-mixed concrete.

After STABILISIERER 72 (ST) has been added a thorough mixing has to be ensured.

STABILISIERER 72 (ST) does not become unusable by freezing. After thawing, just mix well before further use!

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!