

# SCHAUMBILDNER 97

Item No 0230

**Foam forming admixture for producing aerated lightweight concrete**

## FIELDS OF APPLICATION

SCHAUMBILDNER 97 is a foam forming admixture for generating ready-to-use foam for the production of aerated lightweight concrete with a bulk density between 0.4 and 2.0 kg/dm<sup>3</sup>.

For the production of lightweight concrete with densities lower than 0.8 kg/dm<sup>3</sup>, lightweight aggregates are necessary.

The produced aerated lightweight concrete can be used as insulation against heat losses, as a regulating course, insulation course as well as for filling in ducts, pipes and shafts.

## DOSAGE

SCHAUMBILDNER 97 needs to be dosed via a foaming appliance.

200 ml SCHAUMBILDNER 97 generates approx. 100 l foam; respectively 1 l SCHAUMBILDNER 97 can produce approx. 450 – 600 l foam.

## WORKING PRINCIPLE

The foam ensures a soft consistency of the porous lightweight concrete. The risk of segregation is decreased and bleeding tendencies are either totally or largely prevented.

## TECHNICAL DATA

Homogeneity	homogenous
Colour	blue
State	liquid
Density	1.01 ± 0.02 g/cm <sup>3</sup>
pH-value	9 ± 1
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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By the means of a foaming appliance, ready-to-use foam is produced from SCHAUMBILDNER 97, air and water.

The foam is to be added to the fresh concrete. This can be done either in the ready mix plant or in a truck mixer.

A thoughtfully mixing of foam and concrete has to be ensured.

This product is 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!**