

# PANTAPOR® CLC

Item No 0235

**Foam forming admixture concentrate for producing cellular lightweight concrete**

Air entraining agent/foaming agent acc. to EN 934-3

## FIELDS OF APPLICATION

PANTAPOR® CLC is a high concentrated foam forming admixture for generating ready-to-use foam for the production of cellular lightweight concrete with a bulk density between 0.4 and 2.0 kg/dm<sup>3</sup>.

The cellular lightweight concrete produced with PANTAPOR® CLC can be used as thermal insulation, for improving fire ratings, for the construction of noise barriers, as damp course, regulating course as well as for filling in ducts, pipes, voids and shafts.

## DOSAGE

PANTAPOR® CLC needs to be dosed via the foaming appliance "Schaumgenerator SUMO".

1 kg of PANTAPOR® CLC and 40 l of water can generate 510 l foam. The foam should weigh min. 80 g per litre.

## WORKING PRINCIPLE

The produced foam ensures a soft and steady consistency of cellular lightweight concrete which allows an increased workability and minimises bleeding and segregation tendencies.

## TECHNICAL DATA

Homogeneity	homogenous
Colour	colourless
State	liquid
Density	1.01 ± 0.02 g/cm <sup>3</sup>
pH-value	7.5 ± 1
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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By the means of a foaming appliance, ready-to-use foam is produced from PANTAPOR® CLC, air and water.

The foam has 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.

The addition of 1 kg/m<sup>3</sup> STABILISIERER LC (ST) might optimise the mixing considerably, particularly when using fine sands. See technical data sheet for dosing and processing instructions.

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 is 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!**