



## Technical Data Sheet

**KNOPP**  
GmbH CHEMISCHE PRODUKTE

Adolf-Oesterheld-Str. 1  
D-97337 Dettelbach  
Tel: +49(0)9324/9199-0  
Fax: +49(0)9324/9199-66  
info@knopp-chemie.com  
www.knopp-chemie.com

# CONTOPP®

## AEROCRETE SFS 3

Article – number: 03.500

### Application area

- To produce light screed mortar for aerated screed, floating thermal insulation screeds and levelling screeds with thermal insulating properties.
- To be used as a foaming agent for foam gun production required for a further density reduction of light screeds containing light aggregates.

### Properties

AEROCRETE SFS 3 is a liquid concentrated agent that triggers considerable foaming. With a controlled mix this brings about a homogenous, stable light mortar that can be pumped and applied without the separation of water. The recipe depends on the desired degree of strength. Cement content from 100 to 330 kg/m<sup>3</sup> is standard. The desired fresh bulk densities can be set within the range of 0.2 – 2.0 kg/dm<sup>3</sup> by choosing the appropriate lightweight aggregate and selecting a suitable recipe.

### Benefits

When using AEROCRETE SFS 3 with adequate dosification and mixing devices the resulting light-weight mortar will deliver the following performance:

- Reduction of thermal conductivity
- Increased flow
- Faster hardening and drying
- Reduction of shrinkage
- Fully compatibility with all common EPS-aggregates

### Data

Raw material basis:	synthetic tensides
Colour:	blue
Form:	liquid
Density (at 20 °C):	1.00 ± 0.02 g/cm <sup>3</sup>
Processing temperature:	over + 5 °C
Durability:	c. 12 months
Storage:	protect from sun and frost; protect from contamination

### Dosage and consumption

The recommended dosage must be ascertained in an initial test. The amount is based on the required light mortar properties and the mixing technology that is being used. Add directly to the fan pump or via a foam gun.

Guide value: 1.5 liters AEROCRETE SFS 3 result in 1.000 liters of foam

### Processing

- The dosage of AEROCRETE SFS 3 should be added via the fan pump to the lightweight aggregate after all the mixing water has been added, and prior to adding the cement. Dosing via a foam gun takes place separately.

## CHARACTERISTICS

## TECHNICAL DATA

## PROCESSING INFORMATION



- Always ensure an adequate mixing time.

### Work safety

- Not hazardous substance according to the Ordinance on Hazardous Substances
- No hazardous good as defined by transport directives
- WGC 1 (self-assessment) slightly hazardous to water
- Observe safety data sheet

### Supply form

20 kg	PVC – Kanne bfn
210 kg	Poly-Faß bfn
1000 kg	Container netto
Tankzugbelieferung auf Anfrage	

### Comments

Do not use additives from other manufacturers when using this product. It is stressed that our products and the procedure must be tested for suitability for the expected construction site conditions. External quality control is carried out at state-approved testing centers. Do not use additives from other manufacturers when using this product. It is stressed that our products and the procedure must be tested for suitability for the expected construction site conditions. Do not use additives from other manufacturers when using this product. It is stressed that our products and the procedure must be tested for suitability for the expected construction site conditions. The raw materials we process and the products we produce are subject to strict factory inspections. As we have no control over construction site conditions or the execution of the work, we cannot be held legally liable as a result of the information included in this leaflet. Upon the publication of this leaflet all other previous copies shall become invalid.

Valid from 01.07.20

## SPECIAL INFORMATION