



CONTOPP®

AEROCRETE SFS 4

Article – number: 33.105

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 an admixture together with light-weight beads without external foaming-generator.

Properties

AEROCRETE SFS 4 is a liquid admixture with foaming, liquefying and accelerating properties. When using AEROCRETE SFS 4 with adequate 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:	milky blue
Form:	liquid
Density (at 20 °C):	1.10 ± 0.02 g/cm ³
Processing temperature:	over + 5 °C
Durability:	c. 12 months
Storage:	protect from sun and frost; protect from contamination

Mixing model

1) following EN 13055
2) 1.5 V-% by weight of cement

Formulation per mix (1000 Ltr.)	CONTOPP® SFS 4		Unit
Cement	270	150	kg
EPS light aggregates ¹⁾	750	800	Ltr.
SFS4	4.1 ²⁾	2.3 ²⁾	Ltr.
w/c-ratio	0.4	0.5	
Compressive strength at 10% strain (7 d)	approx. 300	approx. 200	kPa
Specific gravity	350 - 400	200 - 250	kg/m ³
Thermal conductivity	0.13 – 0.15	0.08 – 0.10	W/mK
Residual humidity	Ready for finish after 48 h		

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.
Recommended dosage: 1.5 V-% by the weight of the cement used

CHARACTERISTICS

TECHNICAL DATA

PROCESSING INFORMATION



Possible range of dosage: 0.5 – 3.5 V-% by the weight of the cement used

Processing

- Stir AEROCRETE SFS 4 before use and during use in order to prevent segregation!
- Mix for at least 2 minutes after adding all the components

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
240 kg	Poly-Faß bfn
1000 kg	Container netto

Delivery in silo-trucks on demand

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