

Centripor SK 106

Foam concentrate



PRODUCT PROPERTIES

- Free of chloride
- High stability of the pores
- Good workability of concrete/mortar
- Improves the homogeneity of the concrete/mortar
- Good water retention
- Specific gravity can be adjusted according to the requirements

AREAS OF APPLICATION

- Trowel-ready mortar
- Insulation mortar
- Foamed concrete
- Filling grouts
- Levelling mortar
- Light weight concrete
- Polystyrene concrete

APPLICATION ADVICE

Centripor SK 106 is normally applied with the MC- Foam Generator II. Direct dosage is also possible for specific applications.

The foam prepared with the MC-Foam Generator II is very stable. Therefore it can be added to the pre-mixed mortar or grout.

The specific gravity of the mortar/grout can be adjusted by the amount of foam or foaming agent added, respectively.

For the production of insulating mortars or foamed concrete, cement, aggregate and water are thoroughly mixed. The consistence should be in the upper range of F2 (approx. 40 cm flow spread). Then the necessary amount of foam / foam agent is added into the mixer and mixed in homogenously.

The composition of the mortar or foamed concrete is important for the resulting compressive strength, however, it is mainly depending on the specific gravity. Lower specific gravity corresponds with lower strength and better insulation properties.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm ³	1.05	± 0.02 kg/dm ³
Recommended dosage range	g	0.1 - 5	per kg cement
Chloride content (maximum)	%	< 0.1	mass fraction
Alkaline content (maximum)	%	< 5.0	mass fraction

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Self-monitoring	EN ISO 9001
Type of admixture	air entraining agent / concrete plasticiser for the production of masonry mortar per EN 934-3: T2
Designation of admixture	Centripor SK 106
Colour	yellowish brown
Form	liquid
Notified body	Karlsruher Institut für Technologie (KIT) Materialprüfungs- & Forschungsanstalt, MPA Karlsruhe, Notified Body number: 0754
In-company production control	EN ISO 9001, EN 934-2/6
Delivery form	30 kg canister(s) 200 kg drums

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : BZM10

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300018507]