

Centrament Stabi M 15

Stabilizer powder for underwater concrete



PRODUCT PROPERTIES

- Free of corrosion promoting components
- Improves the cohesive properties of the concrete
- Facilitates concrete casting
- Enables concreting in flowing water
- Can be used with all standard cement types

AREAS OF APPLICATION

- Reinforced and non-reinforced under-water concrete
- Repair of concrete-linings in waterways
- Fortification of underwater banks and slopes

APPLICATION ADVICE

Centrament Stabi M 15 improves the cohesive properties of the concrete and prevents cement paste being washed out. The concrete can therefore glide through the water freely, without further protective measures, reducing the risk of demixing.

Centrament Stabi M 15 can be used for reinforced as well as non-reinforced concrete. For constructive underwater concrete the requirements for cement-content and water/cement ratio must be observed.

The dosage depends on the field of application and on the desired degree of cohesion, as well as on the composition of the concrete. If the cement content is low, higher dosage is usually necessary. This can lead to a slight increase in air-pore content. Relevant testing is required.

Centrament Stabi M 15 is added to the dry mixture at the factory.

To ensure an optimal efficiency, the mixing-time should be extended by approx. 45 seconds.

If necessary, the consistency can be adjusted to the requirements by adding plasticizers or flowing agents.

Please note of the "General Information on the Use of Concrete-Admixtures".

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm ³	approx. 0.5	
Recommended dosage range	g	2 - 50	per kg cement
Chloride content (maximum)	%	< 0.1	mass fraction
Alkaline content (maximum)	%	< 1.0	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	stabiliser per EN 934-2: T4
Designation of admixture	Centrament Stabi M 15
Colour	Beige
Form	pulverous
Notified body	Karlsruher Institut für Technologie (KIT) Materialprüfungs- & Forschungsanstalt, MPA Karlsruhe, Notified Body number: 0754
In-company production control	EN 934-2/6
Colour code of label	violet
Delivery form	10 kg bags

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. [2300018423]