



CEMENTOL[®] STABILIZATOR M

**Water- retaining and underwater concreting
admixture SIST EN 934-2:T4**

FIELD OF APPLICATION

Cementol Stabilizer M reduces the secretion of water from concrete or mortar. Due to its water-retaining properties, it can be used in all cases when the secretion of water, resulting in bleeding and segregation of concrete and mortar, needs to be reduced or prevented.

The effects of **Cementol Stabilizer M** make this admixture particularly suitable for:

- the preparation of concrete and mortar for underwater concreting, which have to be highly cohesive/thixotropic to reduce the washing out;
- the preparation of concrete and mortar with a low water content at higher temperatures to reduce the possibility of water loss.

ACCORDANCE WITH SIST EN 934-1; Table 1 STANDARD

Property	Declared values with acceptable deviation
Appearance	White to slightly off-white powder
Conventional dry material content	(93 ± 1)%
Water soluble chloride content (Cl ⁻)	≤ 0,3%
Alkalii content (Na ₂ O equivalent)	< 0,5%

ACTION

Cementol Stabilizer M significantly improves the retention of water in fresh concrete or mortar and reduces the friction between the aggregate and the cement particles. This enables:

- a more homogenous mixture,
- improved cohesiveness,
- reduced or prevented washing out in contact with water (improved resistance to erosion),
- good placeability,
- good watertightness.

The final effect depends on the dosage of the admixture.

DOSAGE AND INSTRUCTIONS FOR USE

- The dosage depends on the purpose and basic structure of concrete. Like water - retaining admixture 0,08 - 0,12% (0,08 to 0,12 kg per 100 kg cement). Like underwater concreting admixture 0,15 - 0,60% (0,15 to 0,60 kg per 100 kg cement). The dosage can be increased if preliminary tests prove that this would not have a negative effect on the other properties of concrete.
- **Cementol Stabilizer M** should be added to the dry mixture of aggregate and cement. Mix for a minimum of 45 seconds in order to achieve a well-mixed and homogenous mixture.
- **Cementol Stabilizer M** is compatible with the Cementol Delta EKSTRA plasticizer and the **Cementol Zeta / Zeta P / Zeta T / PLUS / Super S / HIPER ABK** superplasticizers.

PACKING

- 25 kg sacks

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STORAGE

- The product should be stored in tightly-closed packaging, in a dry, ventilated place, in order to protect it from damage and humidity.
- In tightly closed and undamaged packaging, the shelf life of the product is min. 2 years from the production date.

SAFETY PRECAUTIONS

General instructions for working with chemicals should be observed when working with **Cementol Stabilizator M**:

- Eating, drinking or smoking during work is prohibited.
- After finishing work, hands should be thoroughly washed with water.

NOTE

Instructions are given on the basis of laboratory research and technical experience of the firm. Due to specific requirements, conditions and work methods, preliminary tests are obligatory for any type of use of the product, alone or combined with other admixtures. Since we cannot influence the course of work, we cannot be held responsible for its quality.

Cementol Stabilizator M - water retaining admixture meets the *SIST EN 934-1 and SIST EN 934-2 standard requirements.*