

Admixture for coloured semi-dry concrete

AREA OF USE

Cementol A is an admixture primarily used in the production of coloured concrete products from semi-dry concrete. It is also recommended for other similar products where less water absorption is desired.

TECHNICAL CHARACTERISTICS

Characteristic	Declared value
Appearance	Yellow-brown liquid
Density, 20 °C	[1.03 ± 0.02] kg/L
pH	11 ± 1

ACTION

Cementol A improves cement and pigment wettability and homogenization. Its lubricating action improves workability and compaction resulting in nicer, enclosed surface. It also reduces the capillary water absorption of concrete. Concrete prepared with Cementol A is not sticky, and sticking to the ram is prevented even with a slightly higher water content.

All these properties enable concretes prepared with Cementol A to have higher strengths, improved resistance to frost and salt, a nicer appearance, more intense colours, and a lower possibility of efflorescence.

In combination with Cementol SMB, the effect of both admixtures is significantly increased.

DOSAGE AND INSTRUCTIONS FOR USE

The usual dose is 0.2 - 0.4% of cement weight (0.2 - 0.4 kg per 100 kg of cement).

The optimal dosage is determined by preliminary tests with materials that are actually used in the production plant with the available production equipment.

It is dosed diluted with mixing water in order to prevent a local reaction and enables a better distribution throughout the concrete mixture.

Before using a higher number of admixtures in a concrete mixture, we advise prior examinations. In this case, they must be added to the concrete mixture separately (one after the other).

Stir before use.

ADVANTAGES OF USE

Concretes prepared with Cementol A are easier to install and compact, resulting in higher concrete product strengths. Concretes are not sticky and do not adhere to the ram. The colors of the products are nicer and more intense. Resistance to the effects of frost and salt is increased.

PACKAGING

jerry cans 10 kg, drums 50 kg, IBC containers 1 m³

STORAGE

- The product should be stored at temperatures between +5 °C and +35 °C. We need to protect it from damage, freezing and direct sunlight.
- A properly stored product has a shelf life of at least 2 years after the date of manufacture.
- The product may still be used after the date of expiry, but the characteristics important for the intended use have to be examined.

HEALTH, SAFETY AND ECOLOGY

No special measures are required when working with Cementol A. Follow the general instructions for working with chemicals: take care of cleanliness, do not eat, drink or smoke while working. After finishing work, wash hands thoroughly with water.

More information on safe handling and disposal of the product is available in the safety data sheet, which is provided on request, and is also available from the dealer or distributor where you purchased the product.

WARNING

Instructions and recommendations are given based on examinations in our laboratories and experience to date. Due to specific conditions and work methods, preliminary tests are advised for every type of use, for each individual case of use of the product alone, or in combination with other admixtures.

Since we cannot influence the course of work, we cannot be held responsible for its quality!

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