

Cebex 120

constructive solutions

Air-entraining and plasticizing agent in powder form for dry mortar systems

Uses

- The Cebex 120 additive for mortar is an air-entraining, plasticising agent in powder form, which is added to mortar for laying bricks or plastering. With a base of polymerized resins, it is guaranteed chloride-free.
- Cebex 120 is specially designed to be used in dry mortar, which is supplied to work sites in ready-to-use silos, after being mixed in worm gear.

Advantages

- Cebex 120 produces a highly stable entrained air system
- Improves trowelling properties of mortar
- Increases mortar yield
- Increases the resistance of mortars to frost attack

Description

Cebex 120 is a chloride-free, plasticising, air-entraining powder additive, which entrains a controlled quantity of small air bubbles which impart cohesion and workability to a mortar and improves its durability when set. These bubbles are particularly stable, improving mortar quality and assisting in keeping mix workability at satisfactory levels.

Typical mix

The optimum dose of Cebex 120 to achieve specific requirements must be determined via trials, using the materials and conditions that will be experienced in use. This allows the optimisation of the admixture dosage and the mix design, providing a complete evaluation of the mix. Typical dosage levels for Cebex 120 to produce an air content of approximately 18% in a sand:cement mortar in the range of 0.10 to 0.50 kg of Cebex 120 for every 100 kg of cement.

Properties

Appearance:	White powder
Chloride content:	Nil
Relative density (bulk):	1.03 kg/litre at 20 °C

Instructions for use

Mix workability

Cebex 120 must be added together with the sand and the cement in the premixing in order to achieve the perfect homogenization of the additive with the mortar mixture. It must never be added to the mixing water.

Compatibility

Cebex 120 is compatible with other Fosroc Euco additives used in the same mortar mixture. All the additives must be added to the mixture separately and must not be mixed together before addition. The resulting properties of the mixture, which contains more of one additive, must be evaluated according to the testing procedure recommended on this data sheet.

Cebex 120 is indicated for use with all types of cement which comply with the BS-EN-197-1:2000 standard.

Curing

As with all cementitious systems, good curing practice should be maintained. Curing is particularly important where retarded screeds or renders are used.

Cleaning

The tools and equipment must be cleaned with water immediately after use. Remove hardened material mechanically or by using Fosroc Acid Etch.

Packaging

Cebex 120:	15 kg
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Storage

Cebex 120 has a storage period of 12 months if it is kept in the original container in a dry place. This period may be reduced by high temperatures and humidity.

Precautions

Safety and hygiene

For further information, refer to appropriate Product Safety Data Sheet

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Important note

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