



Rev 0
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AERTEK

Aerator for concrete and mortars



DESCRIPTION

AERTEK is a special product whose formulation allows the introduction of stabilized micro-bubbles into the concrete in a balanced way.

The presence of stabilized micro-bubbles increases workability, reduces the surfacing of water, reduces plastic shrinkage and eliminates the segregation of concrete.

FEATURES

AERTEK per la sua particolare formulazione, densità specifica e facilità di dispersione, consente l'ottenimento di miscele particolarmente omogenee, senza segregazioni anche in miscele contenenti iner leggeriti.

La sua elevata concentrazione in materia attiva permette l'ottenimento di microbolle d'aria ad stabilità che consente una facile applicazione dell'impasto con assenza di sfrido.

PHYSICAL PROPERTIES

Physical state	Liquid
Color	Brown
Density at 20 ° C	1.02 ± 0.02 g / cm ³
Chlorides	Absent
pH	7 ± 1

APPLICATIONS AND METHODS OF USE

Due to the characteristics listed above, AERTEK gives the mix a reduced density such as to allow perfect pumpability of light concretes (both in the presence of expanded clay and in the presence of polystyrene).

AERTEK can be added to both the mixing water and the finished concrete mix.

Air occlusion depends on the temperature, composition of the concrete and mixing time.

After prolonged storage it is advisable to mix it thoroughly.

FOR LIGHTWEIGHT CONCRETES

- 1) introduce the water into the concrete mixer
- 2) the additive
- 3) polystyrene
- 4) let the additive absorb the additive well, so that each grain is well impregnated
- 5) finally add the cement

DOSAGE

The dosage range of AERTEK is between 0.8 and 2 ‰ on the weight of the cement, depending on the required air content or the desired effect.

HOWEVER, IT IS ADVISABLE TO CARRY OUT PREVENTIVE TESTS IN ORDER NOT TO EXCEED THE MAXIMUM DOSAGE ALLOWED BY THE CHARACTERISTICS OF THE FINISHED PRODUCT, BEARING

SCHEDA TECNICA



TEKNA CHEM S.p.A.

Stabilimento: Renate (MB) - Via Sirtori, z.i. 20838 - Tel. +39 0362.91.83.11

Web: www.teknachemgroup.it - E-mail: info@teknachemgroup.it - Fax: +39 0362.91.93.96



IN MIND THAT FOR THESE PRODUCTS THERE IS ALWAYS A CRITICAL DOSAGE BEYOND WHICH THE DISPERSING ACTION PREVAILS OVER THE AERATING ACTION.

PACKAGING

20 kg cans
200 kg drums
1000 kg tanks

STORAGE AND CONSERVATION

AERTEK is valid for one year in sealed packages at temperatures between 5 ° C and 35 ° C.

LEGAL NOTICES

The information contained in this technical data sheet, while representing the most advanced stage of knowledge, does not exempt the user from carrying out accurate preliminary tests in their own conditions of use and operation. We therefore decline any responsibility for improper use of the product.

