



MEGAMIX AIR E 10



Applications

MEGAMIX AIR E10 air entraining agent, by creating very small, stable and dispersed bubbles in the mass of cement paste, reduces permeability, creates sealing and damping properties, reduces water leakage and separation of concrete, increases efficiency and fluidity, increases durability against freezing and melting, etc.

According to the mentioned advantages, this product is used in concretes such as concrete structures exposed to freezing and thawing phenomena, various concrete parts such as precast segments, concrete floors and road protections, concrete flooring in open areas and concretes that are exposed to the phenomenon of salt crystallization.

Using this type of additive in a fixed water-cement ratio can reduce compressive strength. To compensate for it, the ratio of water to cement can be reduced by maintaining fluidity and using water-reducing additives.

Dosage

The amount of MEGAMIX AIR E10 used to create a certain amount of air should be obtained by experiment. As a basic guide, the amount of consumption of 0.04 to 0.08 percent of the weight of cement materials has about 3 to 6 percent bubble generation.

It should be mentioned that the bubble generation power and stability of this product is better in smoother concretes. Also, the amount of air bubbles produced depends on various environmental factors and conditions of construction, implementation, transportation and pouring of concrete.

Method of Use

This product should be added when making concrete. Its best effect is when it is added to concrete at the same time as water or wet fine sand.

How to maintain

Store in a covered place, at a temperature of 5 to 40 °C, away from direct sunlight and inside the package.

Under the correct storage conditions and in the original packaging, it can be consumed up to 12 months after production.

Packaging:

20 kg gallon / 220 kg barrel / 1000 kg tank

Technical support

We are ready to provide related technical services in the site.

Compatibility

If you need to use it simultaneously with other admixtures, be sure to contact the technical support department.

Standard

This product complies with ASTM C260, INSO 2930-2 (table 5) and EN 934-2 (table 5) standards.

Technical features

Product type: Liquid

Color: colorless to pale yellow

Specific mass (kg/L): 1.00 ± 0.03

pH: 7 ± 1