



Admix waterproof

Description

The liquid type of this product disperses the cement in the concrete and creates a dense, and homogenous concrete which is highly resistant against moisture penetration, sulfate chemical assault, and chlorines.

Concerning the effect of this product on cement, it can minimize the number of pores in the concrete which are made due to the contraction and evaporation in the concrete.

Generally, to waterproof the concrete, the curing process and concrete compression must be done efficiently.

Concrete complete waterproofing depends on a plethora of factors including aggregate grading, cement dosage, dosage and type of Pozzuoli materials, appropriate concrete compression, curing after implementation, and most importantly is the proportions. Using concrete chemical additives as an inseparable part of impermeable concretes is obligatory. Although using Pozzolans, particularly micro silica as silica soot, in non-crystal form is necessary in addition to super-plasticizers to make sure of the complete impermeability, using this admix waterproof, by affecting cement particles and the dispersion properties and minimizing the microscopic pores of inner concrete evaporation, results in a homogenous concrete and makes it properly impermeable.

Advantages

- Producing compact, durable, and impermeable concrete
- Reducing water consumption and increasing concrete resistance
- Homogenous cement dispersion and increasing concrete resistance

Dosage

The exact amount of usage depends on concrete mixing plan and the project importance. However, it is recommended to use between 0.7 and 2 percent of the cement weight.





How to use

Add the specified amount of this admixture to the concrete and let it mix for 2 or 3 minutes.

Specifications

Appearance: liquid

Colorless

Density: 1.15 ± 0.02

PH: 0.5 ± 10.58

Packaging and Maintenance: keep in 20 to 22 kg containers in roofed places out of sunlight.

Safety points

This Material contains no toxic materials. In case of any contact, wash your body with water.

