

ISOLION CRS LIQUID

SINGLE-COMPONENT CRYSTALLINE MORTAR AND CONCRETE ADDITIVE

Product Definition

› It is liquid form concrete additive that enters into reaction with moisture and lime in concrete and create crystallization on its place with chemical substances in its structure to allow for waterproof in concrete.

Fields of Use

- › Flooring, base and concrete,
- › Curtain, beam and columns,
- › Production of thin and thick fitting concrete elements,
- › Production of ready-mixed concrete in all kinds of engineering structures and inbuilding site.

Characteristics and Advantages

- › During the curing period and water with each theme is constantly active, capillary fill out provides continuous sealing.
- › Since it is added into concrete mixture in the form of liquid, it does not have agglomeration risk compared to powder products, and it is easy to mix.
- › Concrete insulated with ISOLION CRS LIQUID is resistant to both positive and negative water pressure.

Application Details

- › Ready-to-use ISOLION CRS LIQUID varies by location to be used. Material should be rinsed thoroughly before use.
- › If ISOLION CRS LIQUID is to be used for ready concrete, it is used by adding 2-3% of the cement amount in the mixer.

Application

- › If ISOLION CRS LIQUID is to be used in concrete prepared by hand, it is used by adding in 4-5% of cement amount of concrete.

Technical Specifications

Color	Light brown
Appearance	Liquid
Application Temperature	Between +10°C and +30°C
Liquid Density	1.15 g/l
Working Hours in Mixture	50 minute

*** Tests have been performed in a laboratory environment at 23 °C and 50% relative humidity.

Consumption

- › Her türlü betonda çimento miktarının % 1-3 oranında kullanılır.
- For C35 concrete: 1-2%
- For C40 concrete: 1-3%
- For C45 concrete: 1-4% are suitable mixing ratios for application.

Packing

- › 30 kg drums

Shelf Life

- › Its shelf life is at least 12 months as of production date in its unopened original packaging.

Standard

- › Conforms to TS EN 934-2 standard.
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