

EKAN® MIX 510

New-generation superplasticizer with high workability and high water reduction. Recommended for winter climates.



Ready-Mix Concrete Admixtures
Hyperplasticizers



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CHARACTERISTICS

EKAN®MIX 510 is a new-generation superplasticizer admixture, formulated to ensure high water reduction and high workability.

It facilitates the production of highly fluid concrete with controlled rheology that eases placement and finishing. Ideal for pumped concrete or complex elements, it ensures stable consistency and excellent surface quality.

EKAN® MIX 510 is suitable for low temperatures. It reduces concrete setting times.

It must not be mixed or used together with naphthalene sulfonate-based admixtures.

INSTRUCTIONS FOR USE

Areas of use

- All types of cement (except high-alumina cement)
- Ready-mix concrete
- Reinforced concrete
- Mass concrete
- Pumped concrete

Application

Dosage: 0.4 kg – 2.0 kg per 100 kg of cement. For general concrete applications: 0.4% – 0.8%.

For high-fluidity or self-compacting concrete applications: 0.8% – 2.0%.

EKAN® MIX 510 is completely soluble in water. For best performance, it is recommended to add the product to the second half of the mixing water.

The optimal dosage of EKAN® MIX 510 should be established after local testing of the desired mechanical properties of the cement and the workability of the mix.

For further details, contact EKAN's technical sales personnel.

TECHNICAL DATA

Appearance: Homogeneous

Color: Light brown

Density: 1.05 ± 0.03 kg/l

pH: 4.5 ± 1.0

CERTIFICATIONS



PRECAUTIONS

The shelf life of EKAN® MIX 510 is 12 months when stored in its original packaging in a dry environment protected from direct sunlight.

After a long period of inactivity, shake, stir the product, or use a circulation pump to homogenize it before use.

After a freeze/thaw cycle, mix the product before use.

Avoid contact with eyes and skin. Detailed health and safety information is available in the Material Safety Data Sheet (MSDS).