

EKAN®MIX 242

High Range Water Reducing New Generation Super Plasticiser

EN 934-2 T 3.1 / T 3.2

Description

EKAN®MIX 242 is a new generation high range water-reducing polycarboxylate-based superplasticising admixture.

Thanks to its special formula designed for the production of precast concrete, **EKAN®MIX 242** enables hydration to occur over a larger surface area and in a more homogeneous manner. Along with increasing early compressive strengths, it significantly reduces the time required for the concrete to set.

EKAN®MIX 242 enables concrete production at low water/cement ratios, which results in an increased water impermeability of concrete.

EKAN®MIX 242 should not be mixed or used together with naphthalene-based products.

Application Guidelines

Areas of Use

- All types of cement (except for aluminous cement)
- Precast concrete
- Readymix concrete
- Reinforced concrete
- Mass concrete
- Pumped concrete

Application

Dosage: 0.5 kg - 2.0 kg per 100 kg cement.

Optimum dose of **EKAN®MIX 242** should be established after local tests considering expected mechanical properties of the cement and fluidity of the mixture.

EKAN®MIX 242 is fully water-soluble. For best performance, it is recommended to add the product to the second half of the mixture water.

For further information please contact with EKAN sales representatives.

Technical Data

- Appearance : Homogeneous
- Colour : Light Brown
- Density : 1.05 ± 0,03 kg/lt
- pH : 4.50 ± 1,0

Compatibility

- ekan SMART
- ekan ADMIX
- ekan GCT
- ekan HZ
- ekan AIR
- ekan RD
- ekan OIL

Packaging

- Bulk
- Plastic Tank: 1100 kg

Measures

- **EKAN®MIX 242**'s shelf life is 12 months when stored in its original package and away from direct sunlight.
- After a long idle period, shake, mix the product or use a circulation pump to homogenize it before use.
- After a freezing-thawing 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).



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