

Ekan® FLEX 200

High-range water-reducing superplasticizer



Ready-Mix Concrete Admixtures
Superplasticizers



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CHARACTERISTICS

EKAN® FLEX 200 is a highly effective water-reducing superplasticizer based on naphthalene sulfonate. Thanks to its special formula, **EKAN® FLEX 200** improves workability and facilitates concrete placement. High-performance water-reducing agent designed to enhance both early and final strength development. Significantly improves concrete mix cohesion, minimizing the risk of segregation.

EKAN® FLEX 200 contributes to concrete impermeability by reducing the water/cement ratio. It is recommended not to mix or use **EKAN® FLEX 200** with polycarboxylate-based products

INSTRUCTIONS FOR USE

Areas of use

- All types of cement (except aluminous cement)
- Ready-mix concrete
- Reinforced concrete
- Non-reinforced concrete
- Concrete slabs and foundations
- Walls, columns, and structural piers
- Concrete applications requiring rapid formwork removal or early load application

Application

Dosage: 0.6 kg – 3.0 kg per 100 kg of cement. Higher dosages may be applied depending on the mix design, raw materials, climatic conditions, and specific concrete performance requirements. **EKAN® FLEX 200** is completely soluble in water. For optimal performance, it is recommended to add the product to the second half of the mixing water. The optimal dosage should be established after local testing on the desired mechanical properties of the concrete and the workability of the mix. For further information, contact EKAN's technical sales personnel.

TECHNICAL DATA

Appearance: Homogeneous

Color: Brown

Density: 1.20 ± 0.03 kg/l

pH: 7.00 ± 1.5

- Bulk
- 1000 L plastic IBC tank

CERTIFICATIONS



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EN 934-2



9001 : 2015



14001 : 2015



45001 : 2018

PRECAUTIONS

The shelf life of EKAN® FLEX 200 is 12 months when stored in its original packaging in a dry environment and 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).