

EKAN®AIR 21

Air Entraining Admixture

Product Description

EKAN®AIR 21 creates permanent microscopic air bubbles within concrete and mortar.

EKAN®AIR 21 effectively protects concrete against freeze/thaw cycles and the movement of thawing salts.

EKAN®AIR 21 also has a plasticising effect on fresh concrete. It reduces the amount of segregation and even eliminates the problem of bleeding.

Using **EKAN®AIR 21** minimizes many compatibility issues that can arise between concrete, aggregate, and admixtures.

Its highly effective action ensures compatibility with all superplasticisers.

Application Guidelines

Areas of Use

- All types of concrete manufacturing
- Highways, airplane runways, airport aprons
- Dams, reservoirs
- Road and marine structures
- Shotcrete applications
- Concrete exposed to freeze/thaw conditions

Application

Dosage: 0.2 kg to 1.0 kg per 100 kg of cement.

Optimum dose of **EKAN®AIR 21** should be established after local tests considering expected mechanical properties of the cement and fluidity of the mixture.

EKAN®AIR 21 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 : 6.00 ± 1.5

Compatibility

- | | |
|------------|----------|
| ekən SMART | ekən HZ |
| ekən FLEX | ekən GCT |
| ekən MIX | ekən OIL |
| ekən ADMIX | |

Packaging

- Bulk
- Plastic Tank: 1100 kg

Measures

- **EKAN®AIR 21**'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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