

## EKAN®CORIN 301

### Corrosion Inhibiting Concrete Admixture

EN 934

#### Product Description

**EKAN®CORIN 301** is a liquid admixture designed for use in reinforced concrete and mortar.

It acts as corrosion protection for the steel reinforcement in concrete. By using **EKAN®CORIN 301**, the service life and durability of the concrete will be significantly enhanced, ensuring long-term performance of the structure.

#### Application Guidelines

##### Areas of Use

- Industrial Plants
- Multi-storey Car Parks
- Industrial Plants
- Retaining Walls
- Bridges
- Tunnels
- Concrete Roads

##### Advantages

**EKAN®CORIN 301** forms a protective film on steel, delaying corrosion and reducing its rate. It's a blend of organic corrosion inhibitors that enhance reinforced concrete's lifespan. Benefits include:

- Protection against chloride-induced corrosion.
- Safeguard against reinforcement corrosion effects.
- No adverse impact on concrete properties.
- Neutral to hydrogen embrittlement in prestressed steel.

##### Application

Dosage: 1.0 kg – 2.5 kg per 100 kg cement.

Optimum dose of **EKAN®CORIN 301** should be established after local tests considering expected mechanical properties of the cement and fluidity of the mixture.

**EKAN®CORIN 301** 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 Yellow
- Density : 1.09 ± 0,03 kg/lit
- pH : 9.50 ± 1,5

#### Compatibility

- ekən SMART
- ekən OIL
- ekən FLEX
- ekən RD
- ekən MIX
- ekən GCT
- ekən ADMIX

#### Packaging

- Bulk
- Plastic IBC Tank: 1100 kg

#### Measures

- **EKAN®CORIN 301**'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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