

EKAN®POWER 302

Strength Enhancer

Product Description

EKAN®POWER 302 is an admixture formulated to enhance the early strength of cement and is especially recommended for the grinding of cements. It increases mill production (10% to 25%) depending on the efficiency of the equipment and the characteristics of the material to be ground.

- Reduces shrinkage (initial set) and grinding energy costs,
- The risk of false set is reduced due to lower grinding temperatures.
- Improves physical properties of the ground material, and increases bulk density,
- Improves powder flow characteristics before, during and after storage,
- Pack-set tendencies and coating are substantially reduced,
- Cement particle size distribution is improved resulting in a more thorough hydration.

Application Guidelines

Areas of Use

- All types of cement according to ENV 197-1, type I to V

Application

Dosage: 400 g/ton. Optimum dose of **EKAN®POWER 302** should be established after local tests considering expected mechanical properties of the cement and fluidity of the mixture.

EKAN®POWER 302 is a ready-to-use liquid admixture. A dosing pump is required to introduce the correct dosage into the mill.

EKAN®POWER 302 may be introduced either directly into the mill or onto the feed conveyor belt.

For detailed information please contact with EKAN sales representatives.

Technical Data

- Appearance : Homogeneous
- Colour : Brown
- Specific Gravity at 20°C : 1.155 kg/dm³ (± 0.03)
- pH at 20°C : 8.50 (±1)
- Freezing Point : -5°C
- Flash Point : > 160 - 180°C

Packaging

- Bulk
- Plastic Tank: 1100 kg

Measures

- **EKAN®POWER 302's** shelf life is 12 months starting from the manufacturing date, **provided the product is not altered with other chemicals.**
- Below -5°C, **EKAN®POWER 302** will not freeze.
- If **EKAN®POWER 302** comes into contact with skin, flush with water immediately.
- **EKAN®POWER 302** is non-flammable (F.P.>180°C).
- Spillage of **EKAN®POWER 302** can be removed with water.



EN 934-2, EN 934-5,
EN1504-3



9001: 2015, 14001: 2015,
45001 : 2018