

## EKAN®GRIND 328

### Grinding Aid / Early and Final Strength Enhancer

#### Product Description

**EKAN®GRIND 328** is a grinding aid specifically formulated to increase the early and final strengths of cement. 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

##### Compatibility

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

##### Application

Dosage: 150-350 gr/ton (Optimum dose: 250 gr/ton)

Optimum dose of **EKAN®GRIND 328** should be established after local tests considering expected mechanical properties of the cement and fluidity of the mixture.

**EKAN®GRIND 328** is a ready-to-use liquid admixture. A dosing pump is required to introduce the correct dosage into the mill. **EKAN®GRIND 328** 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: Light Brown
- Specific Gravity at 20°C: 1.070 kg/dm<sup>3</sup> (± 0.03)
- pH at 20°C: 10.50 (±1)
- Freezing Point: -5°C
- Flash Point: > 160 - 180°C
- Density: 1.07 ±0,03kg/L

#### Packaging

- Bulk
- Plastic Tank: 1100 kg

#### Measures

**EKAN®GRIND 328**'s shelf life is 12 months starting from the manufacturing date, provided the product is not altered with other chemicals.

Do not mix **EKAN®GRIND 328** with any other product.

**EKAN®GRIND 328** will not freeze above -5°C.

**EKAN®GRIND 328** can cause irritation in case of contact with eyes and skin. Whilst handling, it is compulsory to obey the general industrial safety precautions (goggles, gloves and mask).

If **EKAN®GRIND 328** comes into contact with skin, flush with water immediately.

**EKAN®GRIND 328** is non-flammable (F.P.>180°C).

Spillage of **EKAN®GRIND 328** can be removed with water.



TS/34/C/20/882



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



9001: 2015, 14001: 2015,  
45001 : 2018