

Grinding Aid / Early Strength Enhancer

Product Description

EKAN®GRIND 208 is a grinding aid specifically formulated to increase the early 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 plastic shrinkage (initial set).
- Reduces grinding energy costs.
- The risk of false set is reduced due to the 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 more thorough hydration.

Technical Data

- Appearance: Homogeneous
- Colour: Brown
- Specific gravity at 20°C: 1.175 kg/dm₃ (± 0.03)
- pH at 20°C: 6.00 (±1)
- Freezing point: -5°C
- Flash point: > 160 - 180°C

Packaging

- Bulk
- Barrel: 215 L
- Plastic Tank: 1000 L

Application Guidelines

Compatibility

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

Application

Dosage: 400 gr/ton

Optimum dose of **EKAN®GRIND 208** should be established after local tests considering expected mechanical properties of the cement and fluidity of the mixture.

EKAN®GRIND 208 is a ready-to-use liquid admixture. A dosing pump is required to introduce the correct dosage into the mill. **EKAN®GRIND 208** may be introduced either directly into the mill or onto the feed conveyor belt.

For detailed information please contact with EKAN sales representatives.

Measures

EKAN®GRIND 208's shelf life is 12 months starting from the manufacturing date, provided the product is not altered with other chemicals.

Do not mix with any other product.

EKAN®GRIND 208 will not freeze above -5°C.

EKAN®GRIND 208 can cause irritation in case of any contact with the eyes and skin. Whilst handling, it is compulsory to obey the general industrial safety precautions (goggles, gloves and mask).

If **EKAN®GRIND 208** comes into contact with skin, flush with water immediately.

EKAN®GRIND 208 is non-flammable (F.P.>180°C).

Spillage of **EKAN®GRIND 208** can be removed with water.