

Grinding Aid for Coal Grinding

Uses

Cemax 350CL series are an aqueous solution of high performance dispersing agent for use as a grinding aid for coal/petcoke grinding.

Advantages

The main advantages of Cemax 350CL series are its ability to increase grinding efficiency of coal mill as shown

below:

- A reduction coating which results in improvement in grinding efficiency.
- An increase in mill out put up to 10% at the same coal/ petcoke fineness.
- An increase in coal/petcoke fineness at the same mill feed tonnage.

Technical Data

Product specifications for most widely used Cemax 350CL series formulation are as follows:

| Product | S.G | pH |
|-------------|-------------|-----------|
| Cemax 350CL | 1.00 - 1.20 | 6.0 – 9.0 |

Addition Rate

Cemax 350CL series are used at recommended standard dosage rate by weight of cement. Individual dosage may vary due to different type of clinker, type of mill, desired mill output and cement performance. The recommended dosage is 0.03% - 0.10% by weight of coal/petcoke. Laboratory and industrial trials are required to determine the optimum dosage.

Dosing Equipment

Cemax 350CL series are added to the coal/petcoke using a dispensing system at the material conveyer belt or dosed directly to the first compartment of the mill . Fosroc representatives will advise the best location for the dispensing system. No water addition is necessary. Fosroc representatives can advise on suitable equipment for installation.

Storage

Cemax 350CL series can be stored 12 months in its original packaging.

Packaging

Cemax 350CL series are supplied in 250Kgs drums or by tanker delivery. It contains no flammable materials.

Technical Services

Fosroc representatives are available for laboratory and mill test. Fosroc representatives are also available at all times while using Fosroc products for servicing, technical support and troubleshooting.

Precautions

Health & Safety : If Cemax 350CL series come into contact with skin, flush with water immediately.

Fire: Cemax 350CL series are non-flammable.

Cleaning: Spillage of Cemax 350CL series can be cleaned or removed with water.

Overdose: Dosage in excess of 0.2% or 200 kg/metric tonnes should be avoided.

Cemax 350CL



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