



TIMM CEM 31/070

Chloride free admixture for cement grinding to reduce energy consumption and to increase mill's productivity and increasing the final strength of the cement

FIELDS OF APPLICATIONS:

TIMM-CEM 31/070 is an additive which acts to neutralize the charges produced during the grinding process that causes agglomeration of the particles. Due to its effect dispersant, enables higher cement fineness with minimum energy consumption while enhancing the separation process. TIMM-CEM 31/070 also increases the productivity of the mill in case of peak demand production.

TIMM-CEM 31/070 also improves mill's productivity, the efficiency of the separator, and increases cement resistance to 28 days, or allows a higher degree of substitution of clinker by additional additions.

TIMM-CEM 31/070 modifies the rheological properties, decreasing of the finely divided solid "packset index" values facilitating so the pneumatic conveying and storage of powder cement TIMM-CEM 31/070 is specially recommended for use in ball mills, but can also be used in vertical mills. Contact the Technical Department and other uses not mentioned here.

PROPERTIES:

- Improves productivity of the grinding plant.
- Reduces production costs.
- Reduce energy consumption.
- Reduces maintenance.
- Reduces the pack-set values so that the index cement storage capacity increases.
- Increases the final resistance of the cement by 5-15% at 28 days.
- Reduces the percentage of clinker in cement, reducing emissions CO₂/Tm cement.
- Compatible with Portland cement and cement additived.
- Improving the efficiency of the separator.
- Time reduced used in the mill by cement
- Complies with European standard EN 197-1.
- Chlorides free

HOW TO USE:

TIMM-CEM 31/070 is a liquid product ready to use. It is recommended to add the product into the feeding zone with all ingredients of cement or directly into the first chamber of the ball mills

DOSAGE:

TIMM-CEM 31/070 dosage recommended is 300 - 500 g / tn of cement, with a maximum dosage of 1500 g / tn of cement (0.03-0.15 mass%).

The Product effects strictly depends that properties and proportions of the raw materials used, as well as the char-

acteristics of the mill and the overall process.

To add Timm Cem 31070 is essential do it with a precise and accurate dosage to ensure maximum performance

TECHNICAL DATA

- Main Function: Adjuvant grinding. Breeder final strengths.
- Physical Appearance: Colorless to slightly yellow.
- PH, 20 ° C: 10.5 + / - 1
- Density, 20 ° C: 1,029 + / - 0.02 g/cm³
- Brookfield Viscosity 20 ° C Sp00/100rpm <15 cps.
- Chloride content: <0.1%

MUST BE CONSIDERED

- Conducting pre-trial use of the product is recommended.
- Do not use lower or higher dosage than recommended without consultation with our Technical Department
- Check additive compatibility before use.

PACKAGING

TIMM-CEM 31/070 is available in 1000 kg container and bulk delivery

CLEANING OF TOOLS

The equipment and tools impregnated with TIMM-CEM 31/070 can be cleaned simply with water.

HANDLING AND STORAGE

Store in sealed original packaging at temperatures below +5 ° C. Protect from frost.

when stored in bulk We recommend the use of recirculating equipment

Stored properly, TIMM-CEM 31/070 can be stored up to 12 months.

For handling the product must be observed the general safety regulations when handling chemicals, such as using safety glasses and gloves. Wash hands before breaks and at end of work. Do not eat, drink or smoke while handling the product.

Disposal product and its container must be in accordance with current legislation and is the responsibility of the final holder.

For more information, consult the Material Safety Data Sheet of the product.

NOTE:

The information and technical data given here are intended for guidance only and are subject to change without notice. They are based on data and knowledge considered to be true and accurate. However, we have control over the conditions under which our products are transported, stored, handled or used by our customers. by Therefore, our guarantee is limited exclusively to product quality. none information or recommendation construed to violate any applicable rule or statute.