

CIKO-GRINDING AID

High Performance Early and Late Strength Enhancer for Cements

Description

CIKO-Grinding Aid addition will enhance the grinding process and give a high early and late strength for the finishing product.

CIKO-Grinding Aid is suitable to use with all types of cement and it will guarantee a superior performance of the final product.

Properties

CIKO-Grinding Aid will provide the following benefits:

- Increases cement early and late strength between 15% and 30% better than conventional grinding aids and strength enhancers.
- Increase cement mill output at the same fineness between 10% and 15%.
- Reduce operation costs per ton of cement.
- Improve cement dry flowability.
- Activate the hydration process between cement particles and the non-reactive or reactive fillers.

Application area

CIKO-Grinding Aid is suitable for all kinds of cement.

Typical application includes

- Ordinary Portland cement.
- Blended cement with limestone, fly ash or slag.

Physical properties

Form	Liquid
Colour	Brown
Specific Gravity	1.03 ± 0.01

Dosage

Typical CIKO-Grinding Aid dosage with ordinary Portland cement is 300-1000 gram per ton of cement.

The optimum dosage should be obtained by conducting site/laboratory trials considering proposed mix design, ambient conditions and performance requirements. Higher dosages might be needed for higher percentage of clinker replacement or less reactive cement.

Application instructions

CIKO-Grinding Aid can be added with the clinker feed or directly to the cement mill first compartment.

To ensure the correct dosage is fed, a proper dosing pump should be used.

Packaging

CIKO-Grinding Aid is available in 200litre drum and 1000 litre IBC tank.

Shelf Life

CIKO-Grinding Aid has a minimum shelf life of 12 months if stored in accordance with CIKO instructions.

Storage

CIKO-Grinding Aid should be stored at temperatures above 5 °C in securely sealed packaging.

Health & safety

CIKO-Grinding Aid should not come in contact with eyes or to be swallowed. If comes in contact with eyes, flush with plenty of fresh water and seek medical advice.

CIKO-Grinding Aid is not a fire or health hazard. Spillages should be washed down with cold water immediately.

Refer Material Safety Data Sheet for further details.

Technical Support

For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Concrete repair materials
- Adhesives and bonding agent
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries

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Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control



ص. ب رقم : ٢٩٥ ، الدوحة - قطر
ت : ٤٤١١ ٤٧٨٧ ، ٤٤١١ ٤٧٩٠ ، ٤٤١١ ٤٧٩٤ ، +٩٧٤
فاكس : ٤٤١١ ٤٧٩٢ ، +٩٧٤
P.O.Box : 295, Doha, Qatar
T.: (+974) 4411 4787 / 4411 4790 / 4411 4794
F.: (+974) 44114792
E-mail: enquiries@cikome.com