

CEMAX TRY 1120

Initial and Final Strength Improver / Grinding Aid

Description

CEMAX TRY 1120 is highly concentrated strength improver formulated with highly concentrated and the most effective raw materials.

CEMAX TRY 1120 includes special chemicals and modified hydroxyl amines, they offer all the benefits of grinding aids such as improved workability, reduced pack-set and energy saving. It is able to enhance the early strength and final strength.

Advantages

CEMAX TRY 1120 increases grinding efficiency and workability. Moreover, it reduces pack-set of cement resulting in lower handling cost. By using **CEMAX TRY 1120**, you can increase early and late strength of cement and/or replace clinker with reactive fillers such as pozzolana, slag and fly ash or limestone. By keeping the same cement quality, it is possible to replace clinker by blended materials up to 4-6%.

CEMAX TRY 1120 can enhance strengths ranging from 10 to 20%, which can be demonstrated in actual plant trials.

Application

CEMAX TRY 1120 should be applied to the clinker on the conveyor belt just before the mill entrance by an adjustable dosing pump.

Dosage

General dosage is **200 – 500** grams per ton of fresh feed to the mill.

We suggest the higher dosage threshold, if the aim is the substitution of clinker with blended material (i.e. blast-furnace slag, fly ash, pozzolana)

The optimum dosage, in any case, has to be found through a reliable industrial trial, preferably with the help of **FOSROC Cement Additives Division Technicians**.

Chemical - Physical Data

Color	Brown
d (at 20 °C)	1.23 ± 0.05 g/cm ³
pH	6.8 ± 1.0

Please also refer to the appropriate safety data sheets.

Packaging

CEMAX TRY 1120 is available in drums (220 kg net), plastic tanks (1.100 kg net) or can be transported in bulk form by ISO-tanks, flexi-tanks or trucks.



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Storage

Maintain the additives at a temperature above +5°C. In case of precipitation re-dissolve through an energetic mixing before using.

In normal conditions **CEMAX TRY 1120** shelf life is at least 12-months.

Technical Assistance

FOSROC Cement Additives Division technicians are available to cement factories in order to optimize the grinding circuit during all the industrial tests and to suggest the most suitable dosage system.

Safety Instructions for Preparation and Application

CEMAX TRY 1120 is not considered as dangerous according to the European regulation regarding the classification of preparations.

It is however recommended to use protective gloves, eyes protection and to take the usual precaution taken when handling chemical products.

The Safety Data Sheet is available upon request for professional users.

Warning

Although the technical details and recommendations contained in this data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application. For this reason, anyone intending to use the product must ensure beforehand that is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from use of the product.



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