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FIBRAN **ALABASTRINO**

Technical Data Sheet

CE

Description

Calcium sulfate hemihydrate in powder, manufactured by grinding gypsum stone ($CaSO_4$ $2H_2O$) of particular characteristics, subsequent firing in methane kilns and homogenization at constant temperatures. **Packaging:** 25 kg paper bags, Big Bags and Bulk via silo truck.

Fields of application

It is used for the production of **plaster artifacts, cornices, rosettes, molds**. It is suitable for in-situ execution of **plaster moldings and coffers.** It is also used as a basic gypsum for making gypsum-based premixes.

Preparation and use

Spread the gypsum slowly and evenly over the water surface. If the gypsum is spread too quickly, dense, nonwetting lumps may form that are difficult to dissolve even with subsequent mixing. Allow the mixture to rest for about 1 to 2 minutes to allow all the gypsum to get evenly wet and to allow any air bubbles present to escape from the mixture. After this time has elapsed, mix the product well until a lump-free mixture is obtained.
Mechanical rod stirrers are recommended for mixing large quantities of product. The mixing time depends on the size of the pour and the size of the mixer. Make sure that the mixing time is never less than one minute, even for small quantities.

Features	U. M.	Value
Residue at 100 µm.	%	< 1
Water / gypsum ratio	-	100/140
Setting time (Knife)	Min	20 – 35
Grip expansion	%	0,20
Compressive strength	N/mm^2	12
Flexural strength	N/mm^2	5
Reaction to fire	Classe	A1

Storage and Warnings

Store dry for a period not exceeding 9 months. The bags must be stored without any direct contact with the ground and protected from dripping. The product should be used at temperatures between 5 and 35°C. At lower temperatures, drying becomes too slow and the product may be damaged by frost. At higher temperatures, drying too quickly can cause micro cracking. Before sanding the wall, it is recommended to let the product dry completely. After application, rooms must be ventilated to prevent the formation of mould and to allow for proper curing.

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