

TB 60 mixture of alpha and beta casting gypsum

Description:

Mixture of calcium sulfate hemihydrate in powder, of the alpha and beta types, obtained by cooking gypsum stone ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) of a purity higher than 90%.

Sectors of application:

Thanks to its characteristics of excellent castability and high mechanical strength, the product can be used in the artistic field for the realization of furnishing accessories and for the production of precision models.

Preparation:

Sprinkle the plaster on the surface of the clean water slowly and evenly until saturation. If the plaster is spread too quickly, you can form clots that dissolve with difficulty even with the subsequent mixing. Allow plaster to sit a minute or two before mixing, to ensure that all the cast will get wet evenly to avoid lumps and to allow the air bubbles out from the mixture. After this time, mix the product well until a lump-free mixture is obtained. To mix large quantities of product it is advisable to use mechanical rod agitators. The mixing time depends on the size of the casting and the size of the mixer. Make sure that the mixing time is never less than one minute, even for small quantities.

Technical information:

Particle Size	μm	< 200
Mix density	gr/cm^3	1820
Fluidity cone Vicat	cm	220
Initial setting time	min	15
Final setting time	min	30
Set expansion	%	0,12
Hardness Shore	D	83
Compressive strength	N/mm^2	28
Flexural strength	N/mm^2	6,5

Packaging:

25 kg paper bags
Big-Bags

Cautions:

The product must be used at temperatures between 5 and 35 °C

Storage:

Store the product in a dry place away from moisture. The bags must be stored without any direct contact with the ground and protected from possible dripping.

Technical support:

For further information please contact Gessi Roccastrada Technical Service.



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