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TB SUPER

DESCRIPTION:

TB SUPER alpha plaster for accurate reproductions.

DESCRIPTION:

Calcium sulphate hemihydrate in powder alpha, obtained by grinding and boiling gypsum rock ($\text{CaSO}_4 \cdot \frac{1}{2} \text{H}_2\text{O}$) with a purity of more than 90%.

APPLICATION AREAS:

Due to its properties, it is used to realise models of hardness and precision, for columns, capitals and statues.

PREPARATION:

Sprinkle the plaster slowly and evenly on the surface of the clean water until saturation. If the plaster is sprinkled too quickly, clumps may form that are difficult to dissolve, even with subsequent mixing. Let the plaster sit for a minute or two before mixing, so that all the plaster is evenly wet to prevent clumps and allow air bubbles to escape from the mixture.

Then mix the product well until a lump-free mixture is obtained. To mix large quantities of product, it is advisable to use mechanical agitators. The mixing time depends on the size of the casting and the size of the agitator. Make sure the mixing time is never less than one minute, even for small quantities.

TECHNICAL INFORMATION:

Particle size:	<2 00 μm
Water/powder ratio:	100/350 grams
Mix density:	1980 gr/dm^3
Fluidity cone Vicat:	240 cm
Initial hardening time:	15 min
Final curing time:	30 min
Linear expansion:	0,12 %
Hardness Shore:	D 90
Compressive strength (Mpa):	40 N/mm^2
Bending strength (Mpa):	7 N/mm^2

CAUTION:

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

STORAGE:

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