

# TB40

## DESCRIPTION:

TB40 casting plaster is produced from high-quality ingredients and it consists of a mix of alpha and beta plasters. Alpha plaster comes from the calcination of natural gypsum under steam pressure, whereas Beta plaster is heated under atmospheric pressure. Due to the presence of alpha plaster, TB40 exhibits lower porosity and higher mechanical strength.

## APPLICATIONS:

Due to its good workability and high compressive strength, TB40 is especially suitable for the manufacture of art carvings as to create decorative plaster mouldings.

## INSTRUCTION FOR USE:

Spread the gypsum in a slow and uniform manner on the surface of the water. If the gypsum is poured too quickly dry lumps can be created that are difficult to eliminate, even during the mixing phase. Let the paste rest for 1-2 minutes in order to permit all of the gypsum to absorb the water uniformly and to permit the air bubbles to exit. Passed this time, mix the product well until you have a uniform substance that has no dry lumps. In order to mix larger quantities of product it is suggested to use a mixer drill bit and set to low speed. The mixing time depends on the quantity of product there is to mix, make certain to never mix for less than a minute.

## SPECIFICATIONS:

PARTICLE SIZE (% weight retained)	<0,2% at 100µm.
WATER TO PLASTER RATIO	100/200
WORKABILITY TIME	12 - 18'
INITIAL SETTING TIME	20 - 25'
FINAL SETTING TIME	25 - 30'
LINEAR EXPANSION	0.12%
DRY COMPRESIVE STRENGTH	20 N/mm <sup>2</sup>

## PACKAGING:

25 kg bags.  
Big-Bags.

## STORAGE:

Store in a dry and ventilated environment, away from sources of moisture. Bags must not be located externally or in any way subjected to weathering.

## TECHNICAL ASSISTANCE:

The characteristics of this product can be modified upon request of the client to meet specific needs.

For any information please contact our Technical Service or visit our website:

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