



# GESSO

Gypsum hemihydrate powder.

## TECHNICAL FEATURES

**GESSO** is obtained by grinding calcium sulphate stone and subsequent firing in methane ovens. Masonry plaster has a more crude appearance than finishing plaster, deliberately made to facilitate its applicability. The visible surface must in any case be finished with scagliola or gypsum-based smoothing compounds.

## FIELD OF APPLICATION

Thanks to its characteristics of resistance and rapidity of setting it is used in the quick fixing of door frames, to block the corrugated pipes inside the traces and to fill the traces themselves or holes on the walls, even passing ones.

## PREPARATION

Prepare a quantity of fresh, clear and clean water, equal to 60% by weight of **GESSO**, in a container. The product is "dusted" on the surface of the water in a uniform manner until it reaches the surface. Wait one minute, then mix manually with a trowel or with a mechanical stirrer-mixer at low speed (maximum 30 seconds), until a homogeneous and creamy mixture is formed.

## APPLICATION

Given the extreme speed of the product, it is advisable to prepare the right quantity that can be used within 5 minutes. After this period of time the product is no longer usable. We therefore recommend that you prepare, before preparing the product, everything you need for its immediate application.

## STORAGE

The product fears humidity. Store in unopened bags, in a dry place and on wooden platforms. Use the product within 6 months from the production date.

## CLEANING

The tools used for laying must be cleaned with water before the mortar hardens; subsequently, cleaning can only take place by mechanical removal.

## WARNINGS

- The product must be stored in a dry place, avoiding direct contact with the floor.
- The product must be applied at temperatures between a minimum of 5 ° C and a maximum of 35 ° C.
- After application, the rooms must be ventilated to avoid the formation of mold and to allow proper seasoning.

## TECHNICAL DATA \*(at +22±1°C and 55±5% R.H.)

Appearance	powder	Time to start setting min.	5 - 8
Residue at 1 mm	< 5%	Compressive strength	2.8 N/mm
Title in CaSO <sub>4</sub> .2H <sub>2</sub> O	> 70%	Flexural strength	2.3 N/mm
Water / gypsum ratio	100/170	Reaction to fire	Class A1

<b>Consumption</b>	<b>approx. 10 kg/m<sup>2</sup> per mm of applied thickness</b>	<b>Packaging</b>	<b>box of 4 bags of 5 kg deluxe pack: 5 kg boxed bag</b>
--------------------	--	------------------	--

### PRODUCT FOR PROFESSIONAL USE ONLY

All the data and indications given in this technical data sheet, although resulting from laboratory tests carried out and from our direct application experiences, due to the infinite number of variables linked to the construction site conditions, are to be considered, in any case, purely indicative. Therefore, before applying the product, the user is required to establish whether it is suitable for the use envisaged by him, in the specific hygrothermal and application conditions foreseen at the time of use and, in any case, he assumes all responsibility for it. We are not liable for damage to people or things deriving from improper use of the product. We reserve the right to modify the data contained therein as a result of improvements and technical progress.