



# SCAGLIOLA

hemihydrate gypsum, premixed with setting time regulators

## TECHNICAL FEATURES

**SCAGLIOLA** consists of calcium sulphate hemihydrate and anhydride. It is obtained from the controlled temperature heat treatment of selected first quality and very finely ground gypsum stone. It is mixed by adding only water.

## FIELD OF APPLICATION

It is used manually as a glossy finish plaster. It is suitable for the realization on site of moldings and plaster friezes of large dimensions.

## PREPARATION

Prepare a container with clean water in the necessary quantity and pour the product evenly sprinkled up to saturation, with a water / powder percentage of 100/140. Leave to rest for 5 minutes, to avoid the formation of lumps, then mix superficially only the part of the product to be taken for the first phase and let the part that will be taken for smoothing rest. Prepare a quantity of product that can be used in 40–60 minutes (with a temperature of 20 ° C). The usability time of the product can be reduced with higher temperatures.

## APPLICATION

**SCAGLIOLA** can be used:

**As a base plaster**, with a minimum thickness of 5 mm, applied in several coats directly on the brick. The plaster can be smoothed by loading more product with the American trowel, after about 60 minutes (depending on the ambient temperature).

**As smoothing**, spreading the product with an American trowel with a thickness of more than 3 mm on a previously wet surface.

## 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. At lower temperatures drying becomes too slow and can be damaged by frost, at higher temperatures drying too fast can cause micro-cracking.
- After application, the rooms must be ventilated to avoid the formation of mold and to allow proper seasoning.
- Avoid immediate heating of the premises.
- Use **SCAGLIOLA** in its natural state, without adding foreign materials and additives.

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

Appearance	powder	Compression strength	10 N/mm <sup>2</sup>
Residue at 100 µm	< 1%	Flexural strength	24 N/mm
Title in CaSO <sub>4</sub> .2H <sub>2</sub> O	> 80%	Theoretical yield (thickness 1 cm)	27 Kg/mm
Water / plaster ratio	100/140	Reaction to fire	Class A1
Time to start setting min.	40 - 60		

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