

MORTAR BASE

It is a natural hydraulic lime mortar made only with natural raw materials suitable for joining and coating the Tapialblock blocks. It is breathable and waterproof.

It is breathable to water vapour and impermeable to rainwater, which allows to establish the most suitable hygrometric balance between the inside and the outside of the construction.

It is designed to achieve the mechanical properties most similar to the starting material, or to the support, since part of its hardening comes from its reaction with the CO₂ of the air, thus obtaining two important direct benefits, such as the consumption of CO₂ (harmful for the environment), and the absence of hydrated silicates of a cement-based grout nature that can attack the support. The rest of its curing is produced in a hydraulic and controlled manner, so both the speed of development of the resistances and the levels of these are appropriate at all times.

APPLICATIONS

It can be applied by hand, or by mechanical projection on the Tapialblock supports,

It should not be used on dusty, uncooled supports or that contains traces of oils, paints, salts or other elements that prevent a correct adherence to the support. Both the pre-cleaning of the surface and the removal of the inconsistent parts must be carried out before applying the mortar.

It is kneaded with clean water, in a proportion of 5,5L approx. for each bag of 22 Kg. of mortar. by means of cement mixer, mechanical mixer or mixer to obtain a paste free of lumps. Then proceed to the application on the support. Temperature of 5 to 30°.

UNE EN 998-1

Colour	earth
Mixing water	22%
Consistency	175 mm
Max size arid	4 mm
Powder apparent density	1,35 Kg/l
Apparent density in fresh	1,70 Kg/l
Mix Ph	>11
Application temperature range	5°c-35°c
Application thickness range	5-20 mm
Water absorption by capillarity	W1
Coef. Resist. to water diffusion	<20
Compression resistance 28 days	CSIII
Adherence to support	>0,7 MPA
Thermal conductivity	0,83 w/mk
Fire resistance	Clase A1

PERFORMANCE

15Kg / m² for a medium thickness of application of 10mm

PRESENTATION

Sacks of paper of 22Kg.
Palet of 52 units

It should be stored in a protected and dry place



MORTERO BASE