
USE

Fiber-reinforced dehumidifying mortar based on NHL 3.5 natural hydraulic lime, for manual application for the realization of base plasters.

Suitable for the realization of base plasters on interior and exterior walls where there are situations of rising damp, indicated for green building, it does not contain added cement. Applicable on all normal types of supports, such as brick bricks, concrete blocks, rough-surfaced concrete, brick or similar boards, KZ offers the following advantages:

- Contains quartz sand
- Excellent workability
- Excellent resistance to alkalis
- Fiber-reinforced
- Paper bags can be easily disposed
- Composed of natural hydraulic lime
- Exempt from polymers in dispersion
- Excellent resistance to salts

COMPOSITION

Mortar composed of quartz sands with controlled grain size, natural hydraulic lime NHL 3.5, fibers and additives which give it the particular characteristics obtained.

PROCESSING

Warnings:

The application temperature of the product must be between +5° C and +35° C.

Do not add other materials to **KZ**.

Protect from rapid drying or freezing.

The subsequent finish will be executed after setting and complete drying.

Preparation of the substrate: The correct preparation of the support to be restored is fundamental, removing any part of the surface that is up to 50 cm above the humidity rising point. The support must be sufficiently rough and of good consistency and free of efflorescence and degraded parts. In case of particularly critical supports, consult the technical assistance. In the presence of a surface with differently absorbent parts pretreat the surface by applying a coat of rough coat. In the presence of highly absorbent substrates, and / or of sun, and / or wind that would speed up the drying of the applied product, moisten the substrate.

Preparation of the product: **KZ** is ready to use and must be mixed with a concrete mixer for about 5-10 minutes, with 4 5 liters of clean water equal to 18 20% by weight until a homogeneous, lump-free mortar is obtained.

Application: it is ready to use and must be mixed using a cement mixer to apply a thickness of about 1 cm of KZ using a trowel or spatula as a rough coat, wait 12 24 hours for the application of subsequent coats that must be applied in thicknesses no greater than 2 cm and not less than 1 cm for application 5 10 minutes, with 4 5 liters of clean water equal to 18 20% by weight until a homogeneous mortar free of lumps is obtained. The layer of plaster applied on wall joints between different materials must be reinforced with a special reinforcing mesh, overlapping it by 20 cm, to be applied also in correspondence with angles of window openings, doors or openings generally in strips of 30 x 45 cm. Protect the building from washing out, strong wind, strong sun, for 48 hours

after application.

CONSERVATION AND STORAGE

The product can be stored up to 6 months in unopened packages.
 The product must be stored at temperatures between +5 ° C and +30 ° C in a cool, dry place away from frost. Avoid exposing the bags for a long time to direct sunlight. After removing the protective polyethylene pallet, protect the bags from rain.

TECHNICAL FEATURES

	Value	Legal reference
SPECIFIC WEIGHT	Powder: 1,4-1,5 kg/l Mortar: 1.25-1.35 kg/l	
SOLID BY WEIGHT	100%	
CONSUMPTION	13 kg/m ² /cm	
RECOMMENDED THICKNESS	> 1 cm and < 2 cm per layer	
ADHESION	On brickwork: ≥ 0,5 N/mm ²	UNI EN 1015-12
GRAIN SIZE	Max 1.6 mm	UNI EN 1015-1
COLOUR	Grey	
COMPRESSION RESISTANCE	≥ 2.5 N/mm ² (28 gg)	UNI EN 1015-11
BENDING RESISTANCE	≥ 1 N/mm ² (28 gg)	UNI EN 1015-11
REACTION TO FIRE	Euro class A1	UNI EN 13501-1
WATER VAPOR DIFFUSION COEFFICIENT	μ ≤ 15	UNI EN 1015-19
WATER ABSORPTION	≥ 0.3 kg/m ² after 24 hours	UNI EN 1015-18
APPLICATION TEMPERATURE	+5°C+35°C	

SPECIFICATION ITEM

Powdered dehumidifying-coat plaster, suitable for the restoration of wet walls with an average consumption of 13 kg/m²/cm

INSTRUCTIONS

To carry out the work in a workmanlike fashion, it is of fundamental importance to follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books and in the product data sheet. This technical information is intended as a rough guide. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and its effectiveness by testing on the specific case. The specification data and technical information have been calculated at +23 ° C with relative ambient humidity of 65%. In different conditions the data and the time intervals between one operation and the next can vary.