



SISTEMI INNOVATIVI

REV. 138017

KOBOSS

Basic anti-salt, fibre-reinforced, dehumidifying microporous plaster

CHARACTERISTICS

KOBOSS is a **microporous**, dehumidifying, fibre-reinforced, anti-salt, pearl grey powdered filler, used in specific restoration cycles for damp concrete and masonry, where there is no need for demolition.

For indoors and outdoors.

FIELDS OF USE

It is applied at a low thickness on seasoned, rough, coplanar and cohesive cement plasters, reinforced concrete and fibre-filled mortars, after mechanical abrasion with a special wall milling machine of only the damaged surface parts.

PREPARATION OF THE SUPPORT

Proceed with the complete removal of efflorescence, paint, plaster and/or damaged skim coats, by means of deep mechanical abrasion.

Carry out the above treatment up to a depth of approximately 5-7 mm, extending in height up to approximately one metre beyond the last traces of humidity, using a special wall milling machine. Then proceed with a thorough washing of the surfaces using a pressure water jet.

Normally it would not be necessary to completely strip the walls; however, in the presence of very degraded supports lacking cohesion, it is necessary to clean thoroughly until reaching the supports.

suitable for anchoring.

Where necessary, intervene by demolishing the plaster limited to the aforementioned areas and subsequently restore with **MALTA HL100a** thickness (respect the relevant curing times), after applying, after having cleaned the supports, **RINZAFFO LIBECCIO ANTISALE** or **MALTA RINZAFFO ANTISALE**.

However, if the pre-existing plasters, although cohesive and solid, have slightly crumbling surfaces, proceed with the application of the **MAX ETIL consolidant**.

HOW TO USE

Before applying **KOBOSS**, moisten the area of use.

For mixing with low speed electric stirrer number of revolutions, add 5 liters of clean water to each 25 kg bag of **KOBOSS**. The mixing time must not exceed 5 minutes.

Spread **KOBOSS** as a skim coat with a stainless steel trowel, preferably applying it in two layers wet on wet, inserting the **PB MESH** into the first coat, until reaching a total thickness of no less than approx. 5 mm.

Complete, after at least 12 hours, the application cycle with **KOBOSS 0.6**, **KOBOSS 0.3**, after hydrating the substrate.

Then paint the treated area with our breathable paints **RISANAVITA AI SILICATI**, **RISANAVITA AI SILOSSANI** or **CALCITE FIORE** for interior or exterior work, or apply our thick breathable finishes such as **RISANAVITA AI SILICATI FMG** or **RISANAVITA AI SILOSSANI FM** on the exterior.

If you want to make the entire wall uniform, use fillers.

KOBOSS 0.6e or **KOBOSS 0.3**, before applying our breathable paints or thick finishes.

WARNINGS

- **KOBOSS** must be used as is without the addition of foreign materials.
- Use at temperatures between 5°-30°C.
- It is necessary to protect from sun exposure and strong wind.
- Keep the cycle hydrated even after **hours**

from the application.

- Store **KOBOSS** in intact packages away from direct sunlight. from humidity.

BOLLETTINO TECNICO



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SPECIFICATION ITEM

Application of microporous, dehumidifying, fibre-reinforced, anti-salt, powdered, pearl grey coloured, cement-based, selected aggregates and specific additives, as part of specific restoration cycles for damp concrete and masonry, for interiors and exteriors, where there is no need to demolish, to be applied in two coats with a stainless steel spatula, drowning the **PB BUFFA MESH** in the first, with a consumption of 6/7 kg per m2 for two coats for a total thickness of approx. 5 mm, type **KOBOSS BUFFA**.

TECHNICAL DATA

COMPOSITION	- Portland cement 52.5 - selected aggregates - specific additives - fibres
MIXING WATER	20% approx.
COLOR	pearl grey
GRANULOMETRY	max 3.0 mm
COMPRESSIVE STRENGTH	103
WATER VAPOR PERMEABILITY	$\mu=15/35$
THERMAL CONDUCTIVITY	$\dot{\gamma}= 0.75 \text{ W / m K}$ (Average value of the $P=50\%$)
MEMBERSHIP	0,7 N/mm ² - FP:B
WATER ABSORPTION	classe W2
TRIP	6 / 7 kg per m2 for two coats (for a total thickness of approx. 5 mm) 25 kg bags 6
PACKAGES	months in intact
STORAGE	packages away from heat, frost and humidity see safety data sheet
SAFETY	

In accordance with UNI EN 998-1: 2010 - class GP - CS III - W 2

ATTENTION

The information, instructions and indications above are the result of our best technical and applicative knowledge; nevertheless, they are to be considered purely indicative. Therefore, it is the user's responsibility to verify, assuming full responsibility, the compatibility of the products with the intended use, since we cannot intervene directly on the conditions of the construction sites and the methods of carrying out the works. In this regard, a preliminary test is recommended in order to verify the suitability of the product for the intended use.