



INNOVATIVE SYSTEMS

REV. 138017

KOBOSS

Basic dehumidifying, fiber-reinforced, anti-salt microporous skim coat

CARATTERISTICHE

KOBOSS is a microporous, dehumidifying, fiber-reinforced, salt-resistant, pearl-gray powder finish, used in specific restoration cycles for damp concrete and masonry, where demolition is not required.

For interiors and exteriors.

FIELDS OF USE

It is applied in a thin layer on cured, rough, smooth, and cohesive cementitious plasters, reinforced concrete, and fiber-reinforced filler mortars, after mechanically abrading with a special wall milling machine only the damaged surface areas.

PREPARATION OF THE SUPPORT

Proceed with the complete removal of efflorescence, paint, plaster, and/or damaged smoothing, through deep mechanical abrasion.

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

As a general rule, do not strip the walls completely; however, if the substrates are very degraded and lacking cohesion, it is necessary to clean thoroughly until the substrates are suitable for anchoring.

Where necessary, remove the plaster only in the aforementioned areas and subsequently restore with MALTA HL100a thickness (observe the relevant curing times), after cleaning the substrates and applying

LIBECCIO ANTI-SALT RENDERING COAT or MORTAR

ANTI-SALT RENDERING.

If, however, the existing plaster, although cohesive and solid, has a

slightly flaky surface, proceed with the application of MAX ETIL consolidant.

HOW TO USE

Before applying KOBOSS, moisten the area of use.

To mix with a low-speed electric stirrer, add 5 liters of clean water to each 25 kg bag of KOBOSS. The mixing time should not exceed 5 minutes.

Spread KOBOSS smoothly with a stainless steel trowel, preferably in two coats, wet on-wet, inserting the PB mesh into the first coat, until a total thickness of no less than approx. 5 mm is achieved.

After at least 12 hours, complete 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 interventions SILOXANES CALCITE FLOWER for Interior or exterior, or apply our

breathable thick-set finishes such as RISANAVITA AI SILICATI F-M-G or RISANAVITA AI SILOSSANI F-M

exteriorly.

If you want to even out the entire wall, use the skim coats

KOBOSS 0.6 and/or KOBOSS 0.3 before applying our breathable paints or thick-set finishes.

WARNINGS

- The KOBOSS must be used as intended 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 your period hydrated even hours after application.
- Store KOBOSS in intact packaging away from humidity.

TECHNICAL DATA SHEET



REV. 138017

SPECIFICATION ITEM

Application of a microporous, dehumidifying, fiber-reinforced, salt-resistant, powdered skim coat, pearl gray in color, based on cement, selected aggregates, and specific additives, as part of specific restoration cycles for concrete and damp masonry, both indoors and outdoors, where demolition is not required. Apply in two coats with a stainless steel trowel, embedding the PB BUFFA MESH in the first coat. Consumption is 6-7 kg per m² for two coats, for a total thickness of approximately 5 mm, such as KOBOSS BUFFA.

TECHNICAL DATA

COMPOSITION	- Portland cement 52.5 - selected aggregates - specific additives - fibers
MIXING WATER	approx. 20%
COLOR	pearl gray
GRADING SIZE	max 3.0 mm
COMPRESSIVE STRENGTH	CSIII
WATER VAPOR PERMEABILITY	$\mu=15/35$
THERMAL CONDUCTIVITY	$\lambda=0.75$ W/m K (Average table value P=50%)
ADHESION	0.7 N/mm ² - FP:B
ADHESION	class W2
WATER ABSORPTION	6/7 kg per m ² for two coats
COVERAGE	(for a total thickness of approx. 5 mm) 25 kg bags
PACKAGING	Shelf life: 6 months in unopened packaging, away
STORAGE	from sources of heat, frost, and humidity
SAFETY	See safety data sheet

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

ATTENTION

The information, specifications, and guidelines above are based on our best technical and application knowledge; however, they are intended to be purely indicative. Therefore, it is the user's responsibility to verify, at his or her sole discretion, the compatibility of the products with the intended use, as we cannot directly influence site conditions or the methods of execution. Therefore, a preliminary test is recommended to verify the product's suitability for the intended use.