

Sanabuild Fondo

Water-based, anti-salinity impregnating product for treating damp walls.

Sanabuild Fondo increases the breathability of exposed walls and damp masonry structures subject to capillary moisture rising. Suitable for use on brick, stone, tuff and concrete structures. For internal and external use.



1. Reverses capillary action
2. Does not alter the colour of materials
3. Does not give off fumes that may be harmful to humans or to the environment

Areas of application

→ Use

Anti-salinity for:

- sulphate, nitrate, chloride and carbonate salts

Promotes breathability in:

- exposed vertical walls
- damp masonry structures subject to capillary moisture rising

Restoration and dehumidification of:

- walls subject to salt efflorescence to be repaired using Kerakoll dehumidifying systems

Internal and external use on brick, stone, tuff, concrete structures.

Do not use

On non-absorbent substrates, in the presence of salt efflorescence or clogging interstitial crystal deposits, on dirty, non-cohesive, dusty substrates, old paintwork or finishing coats.

Instructions for use

→ Preparation of substrates

The substrate must be absorbent and solid (i.e. free of loose or easily removable debris), clean (sanded or washed). On exposed surfaces, in the presence of crystallised salt deposits (efflorescence), brush or dry-sand until the dusty layer has been completely removed.

When repairing walls subject to capillary moisture rising using Kerakoll dehumidifying systems, completely remove all plaster/render from the walls or surfaces to be repaired.

In the presence of capillary moisture rising, remove the plaster/render up to approximately 100 cm above the visible damp marks. Remove rendering mortars and stone blocks or bricks that are crumbling or flaky due to saline concentrations.

Clean surfaces to be restored with a pressure washer, hydro-sander or sandblasting machine. Use mineral mortars from the Biocalce range to reconstruct missing parts, fill empty joints, rebuild walls using the fragment-filling or break-fill techniques and run plumbing and electrical wires. On the wall prepared as such, apply Sanabuild Fondo until fully saturated before applying a rough coat of Kerakoll dehumidifying products while the Sanabuild Eco Fondo is still wet.

→ Preparation

Sanabuild Fondo is ready-to-use. Do not add water or solvents of any kind. Transfer the product to a low pressure spraying pump. The spraying pumps normally used on site to apply parting compounds, with manual air

pressurisation, are ideal for this. Pumps with special seals are not required, as Sanabuild Fondo is a natural, water-based product. The amount of impregnating primer loaded into the pump will indicate the surface area to be impregnated to ensure proper product coverage, avoiding unnecessary waste or dosing errors.

→ Application

The wall to be treated must be impregnated to saturation, using a low pressure spray (avoiding nebulisation of the product). It is recommended that application take place in a series of consecutive layers to guarantee even treatment and proper dosage. Application of the product must be carried out in a continuous manner and without stopping, working from the bottom upwards. Extend the application of Sanabuild Fondo to 1 m above the limit of the problem being treated.

On absorbent exposed walls, Sanabuild Fondo does not alter the colour of treated materials, so that it will blend in when used on elements of historic or architectural value.

In the presence of walls subject to capillary moisture rising to be repaired using Kerakoll Biocalce Rinzafo + Biocalce Zoccolatura or, alternatively, Benesserebio systems, carefully follow the indications provided in the technical data sheets of the products mentioned.

→ Cleaning

Residual traces of Sanabuild Fondo can be removed from tools using water before the product hardens.

Special notes

- When treatment is followed by application of Kerakoll dehumidifying systems, apply a rough coat while the product is still wet, but only when Sanabuild Fondo has been completely absorbed and the surface has become opaque again; Sanabuild Fondo replaces the dampening of the wall to saturation point before plastering/ rendering.
- On exposed surfaces, apply to absorbent substrates only.

Abstract

Renovation of damp walls subject to capillary moisture rising: prepare the wall by demolishing old plaster/render and dry brushing the surfaces with salt efflorescence. Damp the surfaces to be renovated to saturation with a water-based, anti-saline and breathability promoting impregnating agent, suitable for treatment of capillary moisture rising in damp walls, such as Sanabuild Fondo by Kerakoll Spa. Apply by spraying to saturation. Plaster/render while the product is still fresh with one of the Kerakoll dehumidifying systems of your choice.

Renovation of exposed surfaces: exposed surfaces in absorbent materials (mortars, bricks, tuff) must be protected with a water-based, anti-saline and breathability promoting impregnating agent, suitable for treatment of damp walls with capillary moisture rising, such as Sanabuild Fondo by Kerakoll Spa. In the presence of sale efflorescence, before applying the protective impregnating agent, clean thoroughly to remove salt using a brush or dry sanding process and acid wash. Apply quantities of impregnating agent in excess of 0.5 kg/m² and in any case to saturation point, using a spray pump, continuously and without stopping.

Technical Data compliant with Kerakoll Quality Standard		
Appearance	White liquid	
Apparent volumetric mass	≈ 0.99 kg/dm³	
Chemical nature	water emulsion of waterproofing agents	
Shelf life	≈ 12 months from production in the original sealed packaging	
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat	
Pack	5 kg cans	
pH	≈ 6	EN 1015-6
Boiling point	+100 °C	
Vapour pressure at +20 °C	≈ 23 hPa	EN 196/3
Temperature range for application	from +5 °C to +35 °C	EN 196/3
Cross linking	No film-forming effect	
Coverage	≈ 0.5 – 1 kg/m²	

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

Performance		
HIGH-TECH		
Permeability to vapour (µ)	does not alter the µ of treated substrate	UNI 8202
Chemical resistance	High resistance to alkalis	
Wettability	High penetration of absorbent substrates	EN 196/1
Penetration	≥ 7 N/mm ²	EN 196/1
- full bricks 1 kg/m ²	≈ 10 mm	EN 196/1
- absorbent stone 0.5 kg/m ²	≈ 5 mm	EN 196/1
Surface appearance	No colour variations	

Values taken at +23 °C, 50% R.H. and no ventilation.

Warning

- Product for professional use
 - abide by any standards and national regulations
 - use at temperatures between +5 °C and +30 °C
 - make sure the substrate is not frozen
 - protect surfaces from direct sunlight and wind
 - do not add solvent or water to the product
 - do not apply to non-absorbent surfaces, metal, glass or wood
- do not apply on dirty or loose surfaces
 - protect surfaces that are not to be treated
 - if necessary, ask for the safety data sheet
 - for any other issues, contact Kerakoll Technical Customer Service:
+ 39 0536.811.516
www.kerakoll.com/contatti



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