



General information and FAQ

BIOLITH

STONE-BORN. BIO-DRIVEN.

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Clay plasters represent an ancient system for decorating surfaces that, in recent years, has experienced renewed popularity thanks to their exceptional properties.

For us, they are a means of connecting the architectural forms of living spaces with furnishing elements. In addition to giving walls a strong material quality and distinctive character, they offer numerous functional advantages:

- they are **natural and sustainable**, free of cement, glues, and VOCs;
 - they **regulate indoor humidity**;
 - they **reduce static electricity**;
 - they offer **wide aesthetic versatility**;
 - they improve **thermal comfort**;
 - they ensure **high durability**;
 - they are **easy to maintain**.
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What does a kit consist of ?

A BIOLITH kit includes:

- a can containing a blend of **natural clays**;
 - a bottle with a **binder based on plant-derived resins**;
 - a bottle of **protective liquid**, to be applied in two coats.
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Where can it be used ?

BIOLITH is designed exclusively as an indoor coating.

How is it applied to the wall?

The product must be applied to a uniform surface. In the presence of substrates such as plasterboard or Aquapanel, the preliminary application of a cement-based skim coat is recommended.

Can it also be used for indoor flooring?

Yes, but only through a dedicated formulation.
For floor use, it is necessary to:

- refine the clay particle size to make it finer;
- develop a specific binder.

The color of the fine-grain version may differ from the standard one.
Each floor application is therefore **priced individually**, following the creation of a dedicated sample.

How is it applied when continuing from a wall that has been partially installed with the Repetit collection?

Considering that Repetit is a glazed porcelain stoneware tile and therefore **non-absorbent**, it is possible to continue the wall covering using BIOLITH alone (without Repetit), provided that:

- the thickness is compensated by means of a panel (for example plasterboard or Aquapanel);
- the panel is treated with an **insulating product** that evens out its absorption, making it similar to that of ceramic.

It is essential that the **absorption level of the substrate be uniform** in order to obtain an even BIOLITH coloration once dry.

What is the difference compared to a traditional cementitious or epoxy grout?

The natural BIOLITH grout is composed of **clay, selected aggregates, and a bio-based acrylic binder**.

Compared to traditional cementitious or epoxy grouts, it offers:

- greater **workability**;
- a more textured, **natural finish**;
- **reduced environmental impact**.

The floor version, produced only upon request, has resistance comparable to that of an oiled wood floor and is suitable for indoor domestic environments, restaurants, and commercial spaces, where the uniqueness of the surface enhances the material in a sculptural way.

Is it durable over time?

Yes, once applied and protected with the protective oil, BIOLITH maintains its aesthetic and performance characteristics over time. The protective treatment can be periodically reapplied to ensure maximum durability.

Is it necessary to restore the protection?

Yes, depending on the level of wear, it is recommended to renew the protective treatment **every 2–3** years in order to maintain water resistance and stain resistance.

Can it be used in humid environments or inside the shower?

Yes, BIOLITH is suitable as a coating for indoor humid environments, including inside the shower (not outdoors). In this case, it is recommended to:

1. Level the surface and apply a waterproofing agent;
 2. Wait at least **6–12 hours** after application;
 3. Follow BIOLITH's technical application instructions.
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Is it waterproof?

The protective oil, always applied in two coats, makes the surface water-repellent and resistant to absorption of common liquids. It is therefore suitable for kitchens, bathrooms, and humid environments, but it should not be exposed to high-temperature liquids.

Is it stain-resistant?

Yes, the protective treatment ensures good resistance to common household stains (oil, wine, coffee). However, it is still recommended to clean up any spillages of staining liquids promptly.

Is it heat-resistant? Is it suitable as a kitchen backsplash?

BIOLITH can withstand heat generated by normal household use, but direct exposure to open flames or extreme temperatures is not recommended. Therefore, if used as a kitchen surface, **it should not be installed directly above stovetops.**

How is it cleaned?

Regular maintenance involves using **water and neutral cleaners.**

Avoid:

- aggressive acidic or strongly alkaline products;
- bleach, descaling agents, and steam cleaning.

A fragrance-free neutral cleaner is available in a 1-liter bottle, sufficient for cleaning approximately 100–120 m² (follow the instructions on the bottle).

Is it suitable for outdoor use?

No, BIOLITH is designed exclusively for indoor applications.

What substrates are suitable for installation?

BIOLITH can be applied on:

- Porcelain stoneware;
- Other stable, clean substrates free from rising damp (e.g., plastered walls, drywall panels, Aquapanel).

It is not suitable for surfaces subject to structural movement or that are not cohesive.
When installing on existing stoneware, a preparatory leveling may be required.

What are the drying times?

Drying times vary depending on environmental conditions. As a guideline:

- **24 hours** for surface hardening after the second coat of protective treatment;
 - **3 days** to achieve full performance.
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Is it an eco-friendly product?

Yes, the clay- and natural aggregate-based formulation is eco-friendly in its composition and reduces environmental impact.

The minimal percentage of acrylic binder, which is also bio-based, is necessary to ensure the product's performance.

How is repair carried out in case of damage?

In case of localized damage, it is possible to intervene only on the affected area by:

- light sanding;
- thorough cleaning of the surface;
- reapplication of the protective oil

The color may appear slightly different due to variations in temperature and humidity.

When should the fragrance be chosen?

If desired, the fragrance must be selected **at the time of order**.

Is it possible to restore the fragrance?

Yes, the fragrance can be changed or restored by applying the scented protective liquid available in the catalog (always applied in two coats).

Is it also available without fragrance?

Yes, it must be requested at the time of order.
