

ClayBeton

MR.CLAY



TECHNICAL BROCHURE

USE

ClayBeton decorative clay plaster is intended for the decorative finishing of interior walls in residential or commercial spaces. The product is vapor permeable and absorbs liquids, making it suitable only for dry areas without direct exposure to water, fuels or greases. It is required to be protected with a varnish – protective resin to improve performance.

COMPOSITION

Dry blend of white clay, marble, cement and technological additives. The ingredients are not dangerous. It is mixed with water.

PERFORMANCE/COVERAGE

7-9 m² / 4-7 mm / 25 kg – one layer

FEATURES

Extended working time ~ 3 hours after mixing. Quick application.

Elegant decorative effects that look like concrete, travertine marble, and more in a single layer.

Free of film-forming chemicals.

100% vapor permeable.

It does not contain volatile organic compounds (VOCs).

ClayBeton plaster is non-combustible, with a flammability rating of Class A1.

SHADES

The base blend is light gray that can be colored with over 100 MR CLAY dry mineral pigments.

SUITABLE SUBSTRATES

- Classic and ready-made plaster made of clay (clay). Gypsum / cement / lime plaster.
- Plasterboard.
- Plasterboard. Building boards based on cement or fiberboard for plastering or other coating.
- Previously plastered and painted surfaces. Stoves and fireplaces that have been applied with traditional MR CLAY finishes.



- NON-ABSORBENT SURFACES REQUIRE AN ADHESION-ENHANCING PRIMER.
- U(VERY) ABSORBENT SURFACES SHOULD FIRST BE PRIMED WITH A PENETRATING PRIMER AND THEN WITH AN ADHESION-ENHANCING PRIMER.

ΠΡΟΕΤΟΙΜΑΣΙΑ ΑΝΑΜΕΙΞΗΣ

Pour 8.5-9 L of water into a container (at least 35 L). If coloring is needed, add all the pigment to the water and mix well with an electric mixer. Gradually add the ClayBeton Decorative Clay Plaster to the water and mix well. Cover the container and let the mixture rest for about 10 minutes. Note that the liquid mixture will look more intense than the final dry color.



- USE THE MIXTURE WITHIN 3 HOURS. OTHERWISE IT WILL DRY OUT AND CANNOT BE USED.

APPLICATION SYSTEM

ClayBeton Decorative Clay Plaster should be applied in a single layer, 6-8 mm thick. The decorative concrete finish is achieved by applying a specialized PVC film to the surface.

APPLICATION OF PLASTER & TOOLS

Apply the plaster to the walls with the appropriate tools. For a more even layer, start the application with a 6-10 mm serrated putty spatula, then flatten with the plastering spatula.

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FEATURED PRODUCTS & TOOLS

FOR PREPARATION

For absorbent surfaces (e.g. drywall, plaster or troweled surfaces) use Viero Primer ACQ.

For non-absorbent surfaces (e.g. old paint, laminated panels, aluminium and PVC stucco corners), use an adhesion-enhancing primer. Always prime all surfaces before applying ClayBeton.

ClayBeton Clay Plaster 25 kg /8 m².
Base color: Slightly grey.

Yellow Paper Tape: suitable for use on various surfaces, with strong adhesion to clay plasters.

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APPLICATION - DECORATION INSTRUCTIONS

1 of 3

PREPARATION PROCESS

- Start by priming the surface with the appropriate primer.
- For absorbent surfaces, apply Prymer ACQ primer first and then Primer 1200 adhesion primer.
- Use Paper Tape and Paper to cover nearby walls, ceilings, and floors.
- Cut the PVC film sheets to the required size for your project. The typical dimensions of the sheet are 0.70 x 1.00 m.

PVC Film: 0.5 x 700 x 1000 mm,
necessary to achieve specific
decorative effects.



Combine 25 kg of ClayBeton plaster with 8.5 kg of water



The mixture remains processable for up to 3 hours before hardening

PLASTER APPLICATION PROCESS

- Apply a 0.4-0.7mm layer of product to a section of the wall, matching the size of the PVC film you will apply first. For even coverage, use a serrated putty spatula and then flatten with the top handle spatula.

Stainless steel trowel: 28 cm upper
handle spatula for applying the
mixture to walls, suitable for other
applications as well.



PVC FILM APPLICATION PROCESS

- Lightly spray the PVC film with water and press it onto the plastered surface, ensuring it sticks securely. For extra color effects, apply color to the water in the sprayer.



Be careful not to compress the plaster layer on the outer and inner corners, as this can damage the finish when removing the film.

APPLICATION - DECORATION INSTRUCTIONS

2 of 3

- Once the film is fixed and no longer slips, you can start shaping the plaster underneath it. Techniques include:
 - Hand presses with steady movements
 - Rolling hard in all directions with a roller.
 - using a stainless steel spatula



- Immediately clean any leaks around the PVC film in the corners while the plaster is still wet.



The more you move the mixture under the film, the smoother it will be, so avoid overdoing it if you want to retain some texture. Make sure that the film adheres properly to the entire surface.



The PVC film should be removed after at least 12 hours.

PVC FILM REMOVAL PROCESS

Start by carefully lifting up one corner of the film, then slowly peel off.

- A properly finished surface will be smooth, soft, and reflect light naturally.



PVC film can be washed and reused. However, be careful, as scratches or dents on the film may transfer to the final surface.



No further polishing is needed after the film is removed.

PROTECTION – VARNISH

- Although ClayBeton walls are relatively hard, they are slightly absorbent due to their cement content, so priming and varnishing are essential for improved performance.



12mm microfiber roll: ideal for priming walls before finishing or for priming and applying the varnish to protect decorated surfaces.

1. Dilute VETRO OPACO with 4 parts water and apply 1-2 coats to the wall. This resin/varnish enhances the durability of the surface and ensures even distribution of the varnish.

VETRO OPACO : used for priming - protection and improves surface performance.

2. In some cases, only 2 diluted layers of Vetro Matto are sufficient. But if some unnatural shine remains, apply an additional layer of Vetro Matte resin/varnish diluted 1:1 with water for a matte finish.



Allow the wall to dry for at least 12 hours after removing the film before applying the resin/protective varnish.



Αυτό το σύστημα βερνικιού μόνο του, δεν συνιστάται για περιοχές που εκτίθενται σε άμεσο νερό, όπως ντους ή χώροι μπάνιου.



ClayBeton Plaster

COLORS :

- ♦ NATURAL - Base

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WALL FINISHING CATALOGUE



ClayBeton Plaster SHADES COMBINATION:

- ♦ NATURAL – Base
- ♦ 134_B - 206_B
- ♦ 206_B



ClayBeton Plaster COLOR:

- ♦ 134_B



ClayBeton Plaster COLOR:

- ♦ 206_B