

Video :



2024 08

Claystone[®]

INSTALLATION STEPS

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Apply two coats of Claystone [®]	
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6 GOLDEN RULES FOR SUCCESSFUL CLAYSTONE APPLICATION

1. Ensure adequate preparation and stability of the substrate
2. Apply the second coat "fresh on fresh", as soon as the 1^{ère} coat no longer marks the fingers.
3. Never exceed a total thickness of 1.5 to 2 mm (in two coats)
4. Use non-aggressive cleaning products suitable for these coatings.
5. Always carry out and validate a sample + protection BEFORE starting work.
6. Use the appropriate tools recommended by ClayLime in these instructions.

**NB: Claystone[®] is not suitable for showers or other damp areas.
(for this application, see Creatina[®] or TadelaktPro[™] MonoSoft)[®]**

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Surface preparations

- Substrates must be solid, clean, stable and dry, free from cracks, traces of oil, grease, old paint or any other substance that could impair adhesion.
- Carefully clean old surfaces to be waterproofed to remove mould, loose or poorly adhering parts by washing and mechanical abrasion.
- Flourey gypsum-based substrates must first be treated with a fixing primer. Allow to dry.
- Anhydrite or plaster-based substrates must be perfectly dry (maximum residual moisture content : 0.5%) sanded and treated with a fixing primer before applying our Primerpro bonding primer.
- Substrates subject to vibration, risk of cracking, etc. must first be covered with a levelling compound or a levelling mortar, depending on the substrate, and covered with canvas if necessary. The whole surface must be smooth and even, with the same level of absorption throughout. Ask your supplier for advice on a suitable product.
- On a heated floor or near a radiator, turn off the heating 48 hours before starting work and wait for the protective coatings to dry completely for at least 72 hours before gradually turning it back on.
- Tiling: the tiled surface must be dry, solid, able to withstand loads, free of grease and dust, and any joints that have deteriorated must be resealed so that a levelling compound can be applied. Make sure the absorption rate is the same throughout. Ask your supplier for advice on a suitable product.

Practical advice

Carry out a test on a similar or inconspicuous surface to check the colour and finish.

Read these instructions and follow the installation sequence for the various products. Respect the drying times.

95% OF THE SUCCESS OF A JOB DEPENDS ON THE PROPER PREPARATION AND STABILITY OF THE SUBSTRATE AND THE USE OF TOOLS RECOMMENDED BY CLAYLIME.

Laying PrimerPro

Lay PrimerPro underlay on a clean, smooth, dry and stable surface (without risk of cracking).

Product application

- o Cover the entire surface with a MOUSSE roller
- o Leave to dry completely (depending on the surface and atmosphere, at least 2 to 3 hours).

Tools

Foam roller

Performance

Approx. 10 m²/L

Cleaning

The primer can be removed from tools and treated surfaces with water while

Please note that PrimerPro is a bonding primer only.

It does not regulate the rate of absorption of the substrate. Phantom joints could appear if you have different substrates, repairs or tile joints underneath. A fixing primer should be used beforehand to even out the absorption rate of different substrates .

Applying Claystone plaster®

Product preparation

Claystone® consists of a mixing powder and a polymer liquid called JES :

- Dilute the JES polymer liquid with the same amount of fresh water.
- Mix the pigments thoroughly with the powder in a clean, dry bucket. **Caution: make sure the mixture is complete** - if necessary, decant.
- **Gradually** add the diluted JES polymer liquid to the powder, mixing until a **thick paste** is obtained using an electric mixer. You will have more JES than you need. Don't pour it all in at once. You can add more if necessary.

Practical tip: add a small amount of JES to the container before adding the powder.

- **Leave to stand for 10 minutes and mix vigorously for 2 minutes.** The coating is now ready to use.

Apply the product in 2 fresh-on-fresh coats:

- **First coat:** apply the rendering with a trowel, drawing it out in layers of max. 1 mm and rectifying any heavy trowel strokes. Allow to dry slightly until the plaster no longer marks the finger.
- **Second coat:** add a little diluted JES liquid to your remaining preparation. Apply the coating in a very thin layer and smooth immediately with the tool at a slight angle.
- **Drying:** Leave the coating to dry completely for 24 hours.
- Sand quickly and lightly with an 80-100 grit paper eccentric sander for a smooth finish and to remove any rough edges.

Single-coat application on walls only

Phase 1:

- Apply the Claystone with a platress to a thickness of +/- 2 mm in a fairly basic way, without trying to achieve the right effects.
- Leave to dry until the applied surface becomes matt.

Phase 2:

- Soak a large sponge with the diluted JES and even out the surface by wetting it with the diluted JES in large, random circular movements.

Phase 3:

- When the surface has matted very slightly, smooth the still damp surface with a flat iron no more than once or twice, giving it the desired final look and finish s.

Tools

Stainless steel plate. Sponge.

Cleaning

ClayStone® is easily removed from tools and treated surfaces with water while the product is still fresh.

Performance

ClayStone® requires approximately 1.8kg-2kg/m² in 2 coats (1-2mm thick).

Claystone protections®

Read the instructions for use on each protection pack carefully.

High protection for FLOORS and WALLS

3 coats of **PerfectSealNew** with an 8-9 mm microfibre roller, min 1h between coats. 0.3L/m² in 3 coats. Wait 1 hour between coats. Mixture life: 4h.

Drying time for normal use: 48h min.

Drying time for intensive use: 72h min.

For a better performance of Perfectseal New, you can apply 1 coat of **PreSeal** BEFORE PerfectSeal New. 1L/10m.

High guards ++ for worktops and dining tables

2 coats of PowerSeal + 2 coats of PerfectSeal New

Powerseal: apply an even, criss-cross coat using an 8-9 mm microfibre roller.

Wait 20 to 30 minutes maximum before applying the 2^{ème} coat in the same way as the 1^{ère} coat. 10m²/L in 2 coats.

Allow to dry for at least 12 hours before applying 2 coats of PerfectSeal New.

Drying time for normal use: 48h min.

Drying time for intensive use: 72h min.

Medium protection for walls

2 coats of **PerfectSealNew** using an 8-9 mm microfibre roller

Wait at least 1 hour between coats.

Mixture lifetime: 4h.

Breathable protection for interior walls and facades

3 coats of **PerfectProtect** to saturation (water-based water repellent) using an 8-9 mm microfibre roller, min 1? hours drying time between coats. 0.24L/m² for 3 coats.

Maintenance

Maintenance of a protected ClayLime surface

ClayLime coatings are protected with several coats of high-quality matt or satin varnish.

This flooring can be maintained in the same way as a natural stone floor.

Use a cleaning product such as black soap, a special parquet soap or a linseed oil-based soap (Carolin). Do not use cleaning products containing alcohol, mordant or acids such as Antikal, Cillit Bang, vinegar or similar products. If you still need to use an acidic product near the coating - for your taps or glass in your shower, for example - we recommend that you protect the coating with a plastic sheet or cloth, for example.

Recommendations:

- Vacuum (or sweep) the floor once a week.
- Use a neutral product to clean the floor, such as black soap.
- Put felt glides on the legs of your chairs to avoid scratching them.
- Check that chair and furniture castors are in good condition and made of rubber/plastic. Metal or hard plastic castors are not recommended.
- Don't leave water on the floor for too long, as this could lead to limescale marks.
- Beware of lemon juice and other acidic fruits, wine, coffee, oil, etc. Clean stains with water and dry the floor well afterwards.

For a **thorough clean**, spray the surface with diluted black soap and leave for 5 minutes. If necessary, you can brush the surface to remove the dirt. Then wipe clean with a damp cloth.

Furniture: when furniture is used intensively in public places, if abnormal wear of the coating appears, inform your applicator so that a touch-up can be carried out if necessary. Intensive use through rubbing could increase wear and tear and require more repairs than a simple touch-up.

Safety advice

Work in a clean, uncluttered and well-ventilated environment.

Store out of the reach of children.

Wear gloves and safety goggles when mixing.

Read the safety instructions.

If swallowed, read the instructions and consult your doctor.

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We guarantee the quality of our products, and our recommendations for use are based on practical tests and experience. However, they can only constitute general remarks with no guarantee of properties, as we have no influence on site conditions and the execution of the work.

DTU for application: DTU 59.3 - NF P74-203 October 2000

Classification:

- Decorative range
- Coating
- Complies with standard: Family 1 - Class 1d2



Further information on www.claylime.com

This version of the user manual supersedes all previous versions.