

Claystone®

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5 GOLDEN RULES FOR SUCCESSFUL IMPLEMENTATION OF CLAYSTONE®

1. Provide adequate surface preparation.
2. Apply the second layer 'fresh on fresh' as soon as the first layer no longer marks the fingers.
3. Never exceed a total thickness of 1,5 mm – 2mm (two layers).
4. Use non-aggressive maintenance products suitable for plasters.
5. Always make a sample including sealer for approval BEFORE beginning the work.

NB: Claystone® is not suitable for shower or humid area (for this application, see Creatina® MonoSoft® or TadelaktPro™)

Substrate preparation

- Substrates must be solid, clean, stable and dry, free from cracks, traces of oil, grease, old paint or any other substance that may impair adhesion.
- Carefully clean the old surfaces to the sealed to remove any fungus or loose or badly adhering parts by washing and mechanical abrasion
- Powdery, plaster-based supports should be first treated with a fixing primer. Wait until dry.
- Anhydrite or plaster-based substrates must be perfectly dry (maximum residual moisture content: 0.5%) sanded and treated with Primerpro primer.
- Substrates subject to vibration, risk of cracking, etc. must first be coated with a levelling compound or equalin, depending on the substrate, and covered with a pvc net if necessary. The whole surface must be smooth and even, with the same absorption rate throughout. Ask your supplier for advice on a suitable product.
- 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.

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95% OF A SUCCESSFUL JOB DEPENDS ON THE PROPER PREPARATION OF THE SURFACES.

PLEASE SEEK THE ADVICE FROM A PROFESSIONAL TO VERIFY THAT SUBSTRATES HAVE BEEN BUILT AND PREPARED IN ACCORDANCE WITH THE RECOMMENDATIONS OF USE FOR EACH SPECIFIC APPLICATION TYPE.

Application of a ClayLime® adhesion UNDERLAYER PrimerPro

PrimerPro underlayment must be applied to a clean, smooth, dry and stable surface (without risk of cracking).

Product application

- Cover entire surface with a FOAM roller
- Allow to dry completely (depending on substrate and atmosphere, 1 to 3 hours)

Note that PrimerPro is a adhesive primer only. It does not regulate the absorption rate of the substrate. Phantom joints may appear if you have different substrates, repairs or tile joints underneath.

Tools

Foam roller

Yield

around $\pm 10\text{m}^2/\text{L}$

Cleaning

The adhesion underlayer can be removed with water from tools and from treated surfaces as long as it is still fresh.

Application of Claystone® (on the *pre-prepared surface*)

Video:

Preparation of the product

Claystone® consist of a mixing powder and a water based polymer liquid called JES.

- Dilute JES polymer liquid with the identical quantity of fresh water.
- Mix the natural pigments with the Claystone powder in a clean, dry bucket. **Caution: make sure the mixture is complete.**
- Add the diluted JES polymer liquid **gradually** to the powder using an electric mixer until you have a thick **creamy paste**. You have more JES than you need. You don't have to pour it all in at once. You can add more JES in the bucket if the mixture is getting dry.

Practical tip: pour a little JES in the bucket before adding the mixed powder.

- Leave to stand for 5-10 min. and then mix vigorously for 2 min. The coating is now ready for use.



Application of the product in 2 layers fresh on fresh:

- **First layer:** Apply the plaster with a trowel, drawing it out in a layer of max. 1 mm thick and smoothing out any heavy trowel strokes. Allow to dry slightly until the plaster leaves no fingerprints.
- **Second layer:** Add a little JES liquid (dilute) 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 (between 12 - 15h depending on climate conditions).

Single-coat application on walls only

Phase 1:

- Apply Claystone with a trowel to a thickness of +/- 2 mm in a rather crude manner, without trying to achieve any special effects.
- Leave to dry until the surface becomes matt.

Phase 2:

- Soak a large sponge with diluted JES and apply on the Claystone wall with large and random circular movements.

Phase 3:

- When the surface becomes slightly matte, smooth the still damp surface with a flat iron, giving it the desired final look and finish.

Tools

Stainless steel plasterer's float (or in PVC for light colours), sponge

Cleaning

ClayStone® can be easily removed with water from tools and from treated surfaces as long as it is still fresh.

Yield

Consumption of ClayStone® is around 1.8 kg/m² in 2 layers (1-2mm thick).

ATTENTION: do not apply ClayStone® on a heated floor or close to a radiator. Turn off the radiator before starting work and wait until **completely** dry before turning on again.

Protections of Claystone®

Claystone Protector Guide

Carefully read the instructions for use on each protection package.

Floors	
Mat finish	Slightly satin finish
<p>PerfectSealNew: 3 layers 0,3L/m² in 3 layers. For an extra performance, apply 1 layer of PreSeal <u>BEFORE</u> PerfectSeal New. 1L/10m².</p>	<p>PerfectSealNew <u>satin</u> (on demand): 3 layers 0,3L/m² in 3 layers. For an extra performance, apply 1 layer of PreSeal <u>BEFORE</u> PerfectSeal New. 1L/10m².</p>
Interior walls	
Mat finish	Slightly satin finish
<p>Mild and invisible protection: PerfectProtect: 3 layers. 0,24L/m² in 3 layers.</p>	<p>MonoSeal: 2 layers. 0,18L/m² in 2 layers.</p>
<p>High protection: PerfectSealNew: 2 layers. 0,225L/m² in 2 layers.</p>	
Humide zone (excl. shower) & furniture	
Mat finish	Slightly satin finish
<p>PreSeal: 1 layer. 10m²/L in 1 layer. If the Claystone is very rough, you may apply the PowerSeal instead. + PerfectSealNew : 3 layers. 0,3L/m² in 3 layers.</p>	<p>PreSeal : 1 layer 10m²/L en 1 couche. PerfectSealNew <u>satin</u> (on demand): 3 layers. 0,3L/m² in 3 layers.</p>
Facades	
<p>Invisible – breathable. PerfectProtect : 3 layers. 0,24L/m² in 3 layers.</p>	

Maintenance

ClayLime plasters are protected with several layers of high quality varnishes.

This layers have to be maintained in the same way as a natural stone floor.

Use a maintenance product like black soap (Marseille soap, olive oil based soap), special parquet soap or linseed oil-based soap. Cleaning products containing alcohol or acid such as vinegar or other similar products have to be avoid.

Recommendations:

- Vacuum (or sweep) the floor once a week.
- Use a neutral product to clean the floor, such as black soap.
- Put felt pads under the legs of your chairs to avoid scratching.
- Check that the wheels of chairs and furniture are in good condition and made of rubber/soft plastic. Metal or hard plastic wheels have to be avoid.
- Do not leave water on the floor for too long, this could cause limescale to appear.
- Beware of lemon juice and other acidic fruits, wines, coffee, oil, etc. Clean the stains with water and dry the floor well afterwards.

For **deep cleaning**, spray the surface with diluted black soap and leave to act for 5 minutes. You can pass a light brush stroke to loosen the dirt if necessary. Then clean with a damp cloth.

Small **wet spots** may appear despite the layers of varnish because the surface remains breathable. These wet spots will dry out without consequence.

Safety advice

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

Store out of reach of children.

Wear gloves when working and safety goggles when mixing.

Read the safety information.

If swallowed, read the instructions and consult your doctor.

Poison Control Centre Belgium +32- (0) 70245.245 France: + 0 (1)58 219 48 48

We guarantee the quality of our products. Our recommendations for use are based on tests and practical experience. However, these may be viewed only as general remarks without guarantee as to properties, given that we have no influence on site conditions and the execution of the work.

Further information at www.claylime.com

[To display the product datasheet](#)

[To give an evaluation of this product](#)

This version of the manual supersedes all previous versions.

