

## *Creatina®*

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#### **9 GOLDEN RULES FOR SUCCESSFUL IMPLEMENTATION OF CLAYLIME® COATINGS**

1. Ensure adequate preparation of the surface
2. Ensure complete mixing of the pigment with the white powder by pouring from one container to another
3. Do not forget to mix the liquid polymer with the same quantity of water
4. When the liquid has been mixed with the coloured powder allow product obtained TO STAND 5 MINUTES before a final mixing
5. ALWAYS wait the COMPLETE DRYING of the first layer before applying the second one.
6. Never exceed a total thickness of 1.5 mm in two layers
7. Carefully follow the steps described in the manual
8. Never use aggressive or anti-lime cleaning agents.
9. Always make a sample including sealer for approval BEFORE beginning the work.

**NB: ClayLime don't recommend Creatina® on shower floors**

## Preparation of the supports

- Supports should be solid, clean, stable and dry, and free of oil, grease, old paint or any other substance which could weaken adhesion.
- Powdery, plaster-based supports should be first treated with a fixing primer available in professional shops).
- Wait for several hours for the primer film to dry.
- Anhydrite or plaster-based supports should be completely dry (maximum residual humidity: 0.5%) sanded and treated with adhesion primer/PrimerPro

The supports subject to vibrations, risks of cracks etc ... must be previously covered with a layer of tile adhesive in which is impregnated a pvc net, itself covered with a second thin layer with well smoothed tile

**Tiling:** The tiling support should be dry, solid, apply to bear weight and free of grease and dust. Any degraded joints should be resealed.

### *Practical tips*

Test on a similar surface or a part of the surface that is less visible to control the colour and general appearance of the finishing. Read the instructions and follow the correct sequence of application of the various products. Respect the drying times.

Applicable DTU: DTU 59.3 - NF P74-203 October 2000

**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.**

## Preparation for application shower walls

### Application of the ClayLime® AquaPrim waterproof membrane

#### Preparation of the product

*AquaPrim* is ready for use. It can also be diluted with up to 5% water.

#### Application of the product

- Apply *AquaPrim* by trowel.
- The product should be applied evenly and thinly (about 1 mm maximum per pass).
- If applied by roller, be careful not to create the effect of rendering, smooth the surface with a flat spatula before it dries completely to smooth the surface.
- Wait until the first pass is dry (about 1 to 2 hours depending on weather conditions) before applying the second pass.
- The final thickness of *AquaPrim* should never be less than 1 mm at any point, in order to create a continuous elastic film (check that there is no interruption of the membrane due to imperfections in the support).
- To ensure perfect sealing, strips of waterproof fabric should be used at surface joins (angles, pipes, wall-floor junctions, drains).
- The sealing strips should be bonded to the support with *AquaPrim* and completely embedded in the waterproofing layer.

#### Tools

trowel

#### Cleaning

*AquaPrim* can be removed with water from tools and from treated surfaces as long as it is still fresh.

#### Yield

Approx.. 8-10 sqm in 2 layers

**Drying:** 12 to 24 hours after application of the last pass of *AquaPrim* (depending on weather conditions).

**THE MATERIALS USED FOR SHOWER SURFACES MUST MEET THE STANDARDS OF RESISTANCE AND WATERPROOFING FOR THESE TYPES OF APPLICATION.**

**MATERIALS SUCH AS GYPSUM PLASTERS OR NONMOISTURE RESISTANT MATERIALS ARE TO AVOID.**

**WALL SURFACES AND SHOWER FLOORING MUST BE WATERPROOFED BEFORE THE APPLICATION OF THE CREATINA FINISH.**

**THE COMPLETE WATERPROOFING OF THE SHOWER BRACKET MUST BE ENSURED AND GUARANTEED BY A PROFESSIONAL BEFORE THE INSTALLATION OF CLAYLIME**

## Application on TILING

Application of PrimerPro on top of the smoothing compound (or the tiling adhesive) - please take advice from a specialized supplier

## Preparation for application on walls, floors and furnitures.

Application of an adhesion UNDERLAYER / ClayLime<sup>®</sup> PrimerPro

### *Application of the product*

- Cover the entire surface with a foam roller.
- Leave to dry thoroughly.

#### Tools

*Foam roller*

#### Cleaning

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

#### Yield

around 12m<sup>2</sup>/l

## Application of the Creatina® COATING

### Preparation of the product

Creatina® contain a powder with JES 05/010 liquid polymer.

- Dilute the JES 05/010 liquid polymer with an identical amount of fresh water.
- Mix the dry powder and pigments together in a bucket.
- **Caution: Ensure that the mixture is complete**
- Add the diluted polymer liquid **gradually** to the powder using an electric mixer until you have a **fairly fluid and creamy paste**. Practical tip: pour an initial layer of polymer into the bucket before adding the powder.
- Leave to stand for 2 to 4 min. and then mix again vigorously. The coating is now ready for use.

### Tools

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

### Cleaning

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

### Yield

Kit *Creatina®* 7kg + 2L JES : ±12/m<sup>2</sup> in 2 layers

Mini Kit *Creatina®* 1,5kg + 0,5L JES : ±3/m<sup>2</sup> in 2 layers

**ATTENTION:** do not apply Creatina® 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.

### Application of the product

- **First layer:** apply the coating, no more than 1 mm thick, by tapping the brush randomly across the support. Do not overload the brush with product. The final appearance will depend on the technique used. When the coating becomes matt in appearance, pass the flat surface of the float in various directions. This will give it a structured appearance.
- **Second layer:** after complete drying (min.1h), thin your remaining preparation slightly with a little liquid for a more fluid consistency. Apply a very fine layer of the coating, with irregular movements of the float, on a completely dry surface (at least 60 min.).
- **Drying:** Leave to dry for at least **12 hours** before applying a protective covering.

**FLOORS: For best results in terms of strength, aesthetics and "depth" rendering, it is recommended to complete the ClayStone® in 2 layers with a thin layer of Creatina®**

Video :



# Protections de Creatina<sup>®</sup>

## Creatina protections guides

**Carefully read the instructions on each protective packaging.**

Floors and furniture	
Mat finish	Satin finish
<p><b>PreSeal:</b> 1 layer (10m<sup>2</sup>/L)  <b>+ PerfectSealNew:</b> 2 layers (0,15L/m<sup>2</sup> in 3 layers).  <i>CAUTION: PerfectSeal New can never be in straight contact with Creatina. The layer of Preseal is very important.</i></p>	<p><b>PreSeal :</b> 1 layer (10m<sup>2</sup>/L)  <b>+ PerfectSealNew satin (on demand):</b> 2 layers (0,15L/m<sup>2</sup> in 2 layers).  <i>CAUTION: PerfectSeal New can never be in straight contact with Creatina. The layer of Preseal is very important.</i></p>
Interior walls	
Mat finish	Satin finish
<p><b>Mild and invisible :</b>  <b>PerfectProtect:</b> 2 layers. 0,18L/m<sup>2</sup> in 2 layers.</p>	<p><b>MonoSeal:</b> 1 or 2 layers.            10m<sup>2</sup>/L in 1 layer.            0,15L/m<sup>2</sup> in 2 layers.</p>
<p><b>High protection:</b>  <b>PreSeal :</b> 1 layer (10m<sup>2</sup>/L)  <b>+ PerfectSealNew :</b> 2 layers. 0,15L/m<sup>2</sup> in 2 layers.  <i>CAUTION: PerfectSeal New can never be in straight contact with Creatina. The layer of Preseal is very important.</i></p>	
<p><b>Mild, natural and traditional protection : PerfectSoap :</b> 2 layers. 20m<sup>2</sup>/L.</p>	
Humid area (except shower floors)	
Mat finish	Satin finish
<p><b>PreSeal :</b> 1 layer. 10m<sup>2</sup>/L.  <b>+ PerfectSealNew:</b> 3 layers. 0,2L/m<sup>2</sup> in 3 layers.  <i>CAUTION: PerfectSeal New can never be in straight contact with Creatina. The layer of Preseal is very important.</i></p>	<p><b>PreSeal:</b> 1 layer. 10m<sup>2</sup>/L.  <b>+ PerfectSealNew satin (on demand):</b> 3 layers. 0,2L/m<sup>2</sup> in 3 layers.  <i>CAUTION: PerfectSeal New can never be in straight contact with Creatina. The layer of Preseal is very important.</i></p>
<p><b>Natural and traditional protection for walls of bathroom and shower walls : PerfectSoap :</b> 2 layers. 20m<sup>2</sup>/L. +  <b>PerfectWax :</b> 2 layers. 20m<sup>2</sup>/0,5kg. Needs maintenance with PerfectSoap. Apply PerfectWax again if darker dots appears.</p>	
Facades	
<p><b>Invisible mild protection – breathable :</b>  <b>PerfectProtect :</b> 3 layers - 0,2L/m<sup>2</sup> in 3 layers.</p>	

## SEALERS for ClayLime Creatina®

### Interior walls

*Interior walls are protected by applying two products, PerfectSoap and PerfectWax, either alone or one after the other, depending on the desired appearance.*

#### **For a matt finish**

##### *Application of PerfectSoap*

- Apply 2 or 3 layers (until saturation), leaving to dry between coats (at least 20 min.).

**or**

##### *Application of PerfectProtect, water / oil-repellent*

- Apply generously using a foam roller in at least two layers. (1 hour maximum between each application)

#### **For a satin finish**

##### *Application of PerfectSoap + application of PerfectWax*

- After application (circular movement) and complete drying of the 2 or 3 layers of PerfectSoap, apply two thin layers of PerfectWax in a circular movement with a cloth.

#### **For a gloss finish**

##### *Sand the surface before applying PerfectSoap + PerfectWax.*

- Sand lightly (180 grain using a sander) before applying any protection. Apply 2-3 layers of PerfectSoap then two thin layers of PerfectWax and polish

#### **For an optimum protection (matte and satin finish)**

- Apply 1 or 2 layer of PerfectSeal (please see page 8)

#### Tools

*Cloth or wide brush*

Tools are cleaned with water

#### Yield

PerfectSoap: 18-20m<sup>2</sup>/L in two layers.

Wax: 15m<sup>2</sup> with 0.5L

**Bathroom walls + floor, shower inside walls and bath surround**

*Protective coverings are exclusively done with 2 layers of MonoSeal + 1 layer PerfectSealNew for a matte finish, and or 3 layers of MonoSeal for a satin finish.*

**MonoSeal for a satin appearance:***Application of MonoSeal*

- **Shake the can vigorously for 2 min. before use**
- Apply crosswise with a 9mm bristles microfiber roller.
- Wait at least 1h/1h30 (depending on temperature) between each layer.
- Ventilate the room without creating drafts.

**IMPORTANT: After application of the last layer of MonoSeal, let dry completely for at least 24 hours before contact with water or any cleaning product.**

*MonoSeal lightly darkens certain shades*

*MonoSeal***Tools**

*Roller microfiber 9mm*

**Yield**

*1<sup>st</sup> layer : 1l for 8m-10<sup>2</sup>*

*2<sup>nd</sup> layer : 1l for 10-12m<sup>2</sup>*

*3<sup>rd</sup> layer : 1l for 10-12m<sup>2</sup>*

Tools are cleaned thoroughly with hot, soapy water

**PerfectSealNew for a matte appearance:***Application of PerfectSealNew***Attention: do not shake the hardener!**

- Shake the varnish
- **Never shake the hardener**
- Add the hardener (component B) in the component A.
- Handmix vigorously without incorporating bubbles until you obtain a homogeneous mix without lumps our white filaments.
- Let the product de-bubble a few minutes.
- Apply with 9mm microfiber roller
- Recoat after 1 hour
- Use the mix within 4 hours.

**IMPORTANT: After application of the last layer of PerfectSealNew, let dry completely for at least 48 hours before contact with water or any cleaning product.**

*PerfectSealNew***Tools**

*Roller microfiber 9mm*

**Yield**

*1<sup>st</sup> layer : 1l for 8m<sup>2</sup>*

*2<sup>nd</sup> layer : 1l for 10m<sup>2</sup>*

*3<sup>rd</sup> layer : 1l for 12m<sup>2</sup>*

Tools are cleaned with plenty water



## Maintenance

### **Store in a dry place at min. 5 ° C Protect from frost**

Whatever the protective layers, Creatina<sup>®</sup> should be maintained only with PerfectClean or a natural soap (laundry soap/savon de Marseille, Black Soap).

**WARNING:** Anti-lime or cleaning products type Cillit Bang or other alcohol-based and acid-containing products are to be avoided.

### *Safety Tips*

Work in a clean, uncluttered and well-aired environment.  
Wear gloves when working and safety goggles when mixing.  
Read the safety information. Contains hydrated lime.  
If swallowed, read the instructions and consult your doctor.

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](http://www.claylime.com)  
This version of the manual supersedes all previous versions.

