



TECHNICAL **CHART 42**

# LIME CONCRETE

## Description of product

"Powder mixture" of natural lime, hydraulic binders and marble fillers for wall concrete decorative effects.

## Application Field

Interior decorative product applicable with inox trowels for concrete surfaces reproductions.

## Product characteristics

LIME CONCRETE is a decorative mono layer product for interior concrete imitations supplied in a "grey base" color, applicable with the classical inox trowel. Bericalce supplies a special powder toner color that added to the base color permits to obtain a range of darker greys. The accurate formulation makes the product very smooth and easy to apply. As LIME CONCRETE is an hydraulic base product the workable time "pot-life" is up above 90 minutes. To obtain a correct mixture LIME CONCRETE has to be mixed with a mechanic drill and left to rest for 5 minutes before use. The final aspect will be of a smooth satin concrete wall surface created by the acknowledge techniques and fantasy of the applicator. Bericalce suggest to finish off the applicated surfaces with a layer of "Natural Bee Wax".

Technical data	
Name	Lime Concrete
Composition	Lime, hydraulic binders, natural fillers, resins.
Aspect	Powder
Color	Grey
Dilution	Water 47%
Quantity per layer	ca. 1,0 - 1,5 m <sup>2</sup> /kg
PH	13 in water solution
Vapour permeability	SD - 0,04m (DIN 52615)
Water absorption	w - 0,3kg / (m <sup>2</sup> h0,5) (EN1062-3:2001)
VOC class	VOC 0g/l - wall paint and subcategory "L" max.value UE2010 30g/l
Packaging	12 Kg bucket
Storage	Store in a dry place with temperature. 5 ° to 30 ° C
Notice	We suggest to finish off the applicated surfaces with a layer of "Natural Bee Wax" of Luxury&Lime.

# **LIME CONCRETE**

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## **Instructions for use**

- Base must be clean and dry, any unsubstantial parts, traces of oil or grease must be removed; plaster any irregularity of the base
- Prepare the base with a specific Primer, Isolante Acrilico or with a uniforming base like MICRO PRIMER VENEZIANO of Bericalce.
- Application with stainless steel trowel and decorative tools.
- Mix in water with a drill and let the product rest for 10 minutes.
- The product can be applied in one or more layers. We suggest to apply the product with a large trowel and do vertical thick drafts, leaving joints and uncovered areas. After 10 minutes when the product hardens a bit, proceede fixing the surface with extra groutings and various touch-ups creating the typical concrete aspect. When the surface is 75% dry we can start to compact and finish the application, obtaining a smooth satin concrete aspect.
- Once dry we suggest to apply one layer of wax to increase dirt resistance.
- Temperature of application: 5° to 35°C
- All lime-based products have a normal drying time according to the thickness but, the real hardness is obtained through carbonation which occurs on contact with the air. This process could last many months.

## **Notes**

The present technical chart has been written by Bericalce's experts and the indicated technical and scientific information have been tested in our own workshop.

Any responsibility regarding the results are due only to the method and conditions used during application of the product.

These indications are a valid support for testing the quality of the product in each specific case.

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