

## LIMECOAT

### LIME-BASED MICROCEMENT

#### Description

LIMECOAT is a two-component lime-based coating. Designed for low-thickness coatings on floors and walls, it stands out for its artisanal finish, ease of work and extreme durability. It is applied by trowel in several layers, allowing a wide range of effects to be achieved, such as tadelakt-type finishes. As part of an application system, it is recommended to prepare the substrate with LIMECOAT XL or L, followed by LIMECOAT M and S finishes.

#### Surface Preparation

The support must be clean of dust and grease. In the case of concrete, furthermore, the support must be firm (minimum tensile strength of 1.5 N/mm<sup>2</sup>) and dry (maximum permitted humidity 4%).

Before applying LIMECOAT, it is essential to prepare the surface according to the conditions of the application support. Some applications require specific solutions, such as the use of flat fiberglass mesh. You must choose between a bonding bridge such as PRIMER or PRIMERQUARTZ or the use of epoxy primers such as PREPOX or PREPOX H<sub>2</sub>O.

Color	white powder
Arid Size	S: 0.1mm / M: 0.2 mm L: 0.4 mm / XL: 0.5 mm
Compressive strength	≥45 N/mm <sup>2</sup> (28 days)
Flexural strength	≥10 N/mm <sup>2</sup> (28 days)
Adhesion resistance	≥1,2 N/mm <sup>2</sup> (28 days)

## How to install

## 1. Preparation of the substrate

Depending on the type of surface, apply one or two coats of LIMECOAT XL or L with a metal trowel. On floors, always apply two layers and a flexible fiber mesh. After each coat, let dry and sand lightly with 40-grit sandpaper to remove imperfections.

## 2. Finish

Apply two coats of LIMECOAT M or S with a flexible steel trowel using one of the following two techniques:

"Fresh on fresh": LIMECOAT can be applied fresh over the previous coat as soon as it is no longer sticky to the touch. This first layer does not need to be sanded. Any burrs or lumps can be removed with a putty knife, leveling the protruding material. Once dry, sand lightly with a roto-orbital sander or 120-grit sandpaper to remove imperfections when it changes shade and lightens.

"Fresh on dry": Let the previous coat dry (approximately three hours) before applying the next, and sand lightly with 120-grit sandpaper to remove imperfections. A total system thickness of 1 to 3 mm is recommended.

## 3. Sealing

Lunik microcements must be sealed once they have hardened, normally between 24 and 48 hours after application. Sealing should not occur before the coating has reached a humidity of less than 5%. Lunik microcements must be sealed using LUNIK sealing products.

## Precautions

In case of contact with eyes, wash them with plenty of clean water and consult a doctor. Hands and skin should be washed with soap and hot water. Avoid release to the environment.

## Storage

It is presented in airtight and approved containers in accordance with EU guidelines for the packaging and storage of chemical products. Avoid frost and temperatures above 35° C. The product can be stored for one year in original, closed containers and covered places.