



LIME SLURRY

TECHNICAL DATA SHEET | TDS

Interior/ Exterior Slaked Lime Coating (UNI 8681)
Organic product made from natural materials.

Romabio Lime Slurry is an authentic, Italian lime paint used for beautiful, textured finishes, ideal for unpainted, and absorbent brick, stone, or masonry surfaces.

PRODUCT FEATURES

The authentic, slaked Dolomite lime allows Romabio Lime Slurry to be naturally mold-resistant.

Additional high-grade ingredients create a beautiful and durable finish that stands up to extreme temperatures, not succumbing to environmental stress. A 95% natural and breathable mineral product, Lime Slurry absorbs CO₂, provides good anchoring power with mineral surfaces by carbonization.

Romabio Lime Slurry is considered an organic paint product, as described in the Bio Category description, ideal for use in homes, safe for plants and pets. Aesthetic features are extreme flatness. The high mineral content creates a unique light refraction resulting in uncommon luminosity.

FIELDS OF APPLICATION

Created for full or opaque coverage, Romabio Lime Slurry is extremely durable and will not flake, chip, or peel. Excellent paint made with lime putty, for easy transformation of Interior or Exterior natural masonry surfaces, including Portland cement stucco, cementitious siding, and NHL 3.5 and 5.0 stucco mortars.

This product provides a classic slurry finish using ancient techniques combined with modern technology, carbonizing to masonry surfaces, and providing years of durability. Application is recommended only when able to work in temperatures ranging between 50 – 90 degrees Fahrenheit.

Lime Slurry is specifically designed to be tinted with natural oxide earth tints and 0% VOC colorants to increase aesthetic color values with minimal impact to the environment, and to provide a nontoxic air quality indoors.



TYPE OF PRODUCT

Slaked lime coating according to UNI 8681 with 3% organic stabilizers and other proprietary chemicals.

SHEEN / FINISH

Very flat, filler aggregates and Lime Slurry

COLOR

White Base product. Color tint up to 6% max with approved tints. Custom tint and matching is available.

WARNING

Keep out of reach of children. In case of contact with eyes and skin, wash immediately with plenty of water. In cases of consumption, consult a Doctor or call the CDC Poison Center: 1-800-222-1222

LIME SLURRY COVERAGE

Full Coverage: Approximately 50 – 60 sq ft per liter, depending on absorption and type of surface.

It is recommended to determine precise coverage by performing an application and absorbency test on the surface where Lime Slurry is to be used.



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EASY APPLICATION INSTRUCTIONS

Two-coat, easy application process for typical Romabio Lime Slurry applications.

OPTIONAL STEP

Filling Mortar Joints with Romabio Marmorino GF

For a flushed, artistic finish or for highly recessed mortar joints, apply a pre-coat of Romabio Marmorino GF. This will allow for artistic flexibility. Brush on one (1) coat of Plaster GF into the mortar joints and allow to dry overnight before proceeding to the steps below.



DAMPEN

1

Properly prepare and clean surface with water, prior to application. Dampen the wall to be painted (wet but not dripping) and keep damp as necessary, especially in high heat and direct sunlight.



PAINT

2

1st Coat:

Apply diluted and well mixed Romabio Lime Slurry with the Romabio Large Masonry Brush or comparable masonry brush with similar bristles. Paint in a horizontal pattern. Carefully applying the Lime Slurry in the joints of the bricks to create a very slight, slurry wall texture. **Use 1st COAT Dilution instructions.**

Prior to applying the 2nd Coat of Romabio Lime Slurry, make sure to wet the wall surface again.

2nd Coat:

Apply diluted and well mixed Romabio Lime Slurry with the Romabio Large Masonry Brush or comparable masonry brush with similar bristles. Paint in a horizontal pattern.

Use 2nd COAT Dilution instructions.

Note: To achieve a beautiful Romabio Lime Slurry finish, the technique requires the masonry surface to be sufficiently wet at the time of application in order to permit a slow set of the slurry.

LIME SLURRY DILUTION

DILUTION FOR 1st COAT:

Dilute concentrated Lime Slurry paint with **5 – 8% water** (0.75 – 1.2 liters of water per every 15 Liter Bucket. 50 – 80 ml of water per one, 1 Liter Bucket).

DILUTION FOR 2nd COAT:

Dilute concentrated Lime Slurry paint with **5% water** (1.2 liters of water per every 15 Liter Bucket. 50 ml of water per one, 1 Liter Bucket).

Dilution variations are suggested as general guidelines for optimal application conditions, but professional painters may adjust dilutions as needed to meet best uses for ease of application, job site requirements, and artistic finishes.

We highly recommend mixing diluted Lime Slurry with an electric paddle mixer.

If water is sitting on top of your mixture, the paint is not properly mixed!

This product is not made for roller or sprayer applications.

PACKAGING

Plastic buckets in the following sizes:
1 Liter, 2.5 Liters, & 15 Liters.

DISPOSAL

Do not enter product in its original concentration into drains or open waters. Do not store at public waste disposal sites.

Dispose according to local regulations. Plastic buckets are 100% PBS, NO. 5; 100% recyclable if cleaned thoroughly prior to recycling.

Email questions to info@romabio.com



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APPLICATION INSTRUCTIONS CONT.

OPTIONAL 3rd COAT

This coat is optional. Normally, there is no third coat, but if you want to do it or if it is necessary for various reasons (such as a more pronounced filler effect) it is recommended to apply with the same dilutions and methods as the **second coat**.

DRYING TIME

The full carbonation of Romabio Lime Slurry will be reached at 20 – 25 days, at the earliest, after initial application (68 °F- RH 60%) under ideal conditions.

In the event application is taking place below 60 degrees Fahrenheit, you only need to mist or lightly dampen the masonry surface.

TECHNICAL DATA

FOR SEALED OR PRE-PAINTED MASONRY

USE OF ROMABIO PRIMERS, FIRST:

For Interior or Exterior applications of Romabio Lime Slurry where the base of the masonry surface is sealed or has been pre-painted and is unabsorbent, use one coat of **Romabio MicroGrip** or **Medium Grip Primers**, first.

Allow to dry as directed on Primer TDS or back of label instructions (generally 8 – 12 hours), before applying first coat of Romabio Lime Slurry.

For Interior or Exterior applications of Lime Slurry where the base of the masonry surface is damaged, use one coat of **Romabio MicroGrip** or **Medium Grip Primers**, first.

Allow to dry as directed on Primer TDS or back of label instructions (generally 8 – 12 hours), before applying first coat of Lime Slurry.

CRITERIA	INT. STANDARD	VALUE	UNIT
VOC (not including tint pigments) Ready to Use	2004/42/CE	3.5	g/l
Water Absorption Coefficient	EN 1062-3	1.2	kg/(m ² • √h)
Vapor Permeability	DIN 52615- DIN 18550, EN ISO 7783- 2	Sd 0.5	m
pH Value	DIN 19266	11.5 – 12	–
Natural Resistance to Mold	UNI 9805 – UNI 10795	OK	–
Specific Gravity (23°C)	EN ISO 2811- 2	1.54	Kg/Lt.
Mineral Finish	DIN 55945	< 3.5%	Thickening Agent
Granulation	DIN 19643	04,00-07,00	mm
Gloss Level	DIN 55945	< 5	Very Flat
Natural Paint Lime Base NHL 3.5	DIN 18363 – UNI EN 459	10	%
Reaction to Fire	EN 13501- 1:2002	A1	Incombustible
Toxicity	CEE 88/379	0%	–
Environmental Impact	CEE 880/92 – CEE 1980/2000 C.C.A N° 201230/a-b		
Certification APEO (Alkyl Phenol Ethoxylates)	—	0%	—