



LIME SLURRY TECHNICAL DATA SHEET | Interior/ Exterior Slaked Lime Coating (UNI 8681)

PRODUCT FEATURES

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

Romabio Lime Slurry is naturally mold-resistant and 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. It is a very flat finish for full or opaque coverage. It is extremely durable and will not flake, chip, or peel. Excellent paint for transformation of Interior or Exterior natural masonry surfaces, including Portland cement stucco, cementitious siding, and NHL 3.5 and 5.0 stucco mortars.

FIELDS OF APPLICATION

This product provides a classic slurry finish carbonating on masonry surfaces and providing years of durability. Application is recommended only when able to work in temperatures ranging between 50 – 90 °F.

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 non-toxic air quality.

FINISH TYPES

There are two looks you can achieve.

- 1). 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 Marmorino GF into the mortar joints and allow to dry overnight before proceeding to the steps below.
- 2). For a traditional slurry finish as a heavily textured paint, you can apply Lime Slurry directly on the unpainted, unsealed masonry surface with two coats.

APPLICATION INSTRUCTIONS

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.

1st COAT: Apply diluted (see 1st coat dilution instructions) and well mixed Lime Slurry with the Romabio Large Masonry Brush. Paint in a horizontal pattern carefully applying the Lime Slurry in the joints of the bricks to create a very slight, slurry wall texture.

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

2nd COAT: Apply diluted (see 2nd coat dilution instructions) and well mixed Romabio Lime Slurry with the Romabio Large Masonry Brush. Paint in a horizontal pattern.

IMPORTANT NOTE: For a beautiful 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.

DILUTION INSTRUCTIONS

1st COAT: Dilute 2 – 5% with water

- 2.5L Size: add 50 – 125ml of water and mix well
- 15L Size: add 300 – 750ml of water and mix well

2nd COAT: Dilute 2-5% with water (same as above)

Dilution variations are 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!



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CONDITIONS FOR APPLICATION

- Air temperature: Min. +50 °F / Max. +90 °F.
- Relative humidity of the air: <80%.
- Temperature of surface to be treated: Min. +50 °F / Max. +90 °F.
- Humidity of surface to be treated: <10%.
- Avoid applying where there is surface condensation or directly under the sun.

APPLICATION FOR SURFACES DAMAGED, SEALED, OR PRE-PAINTED MASONRY

If the masonry surface is damaged, sealed, or has been pre-painted and is unabsorbent, first apply one coat of Romabio MicroGrip or Medium Grip Primer. 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.

COVERAGE

Approximately 135-150 sq/ft per gallon with average absorption (actual coverage will vary depending upon application method, surface texture, and absorption).

- 2.5L/.67 gal. coverage = 90 – 100 sq/ft
- 15L/4 gal. coverage = 540 – 600 sq/ft

Recommended to test product on actual surface to determine the exact consumption.

PACKAGING

Plastic buckets 2.5L/.67 gallons and 15L/4 gallons.

STORAGE

Store in a cool, dry and protected from frost. Close the open containers with care.

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.

TOOLS

Apply with the Romabio Large Masonry Brush or comparable masonry brush with similar bristles. All tools should be cleaned using water immediately after use.

This product is not made for roller or sprayer applications.

DRYING TIME

The full carbonatation 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.

SHELF LIFE: Warning! Untouched and unused bucket, if stored in a cool place, away from sun or direct light has a 1 year shelf life from the date of production.



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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 Gloss	Very Flat
Natural Paint Lime Base NHL 3.5	DIN 18363 – UNI EN 459	< 5% organic substances content	Comply with regulations
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%	—

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.

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.