



LIME SLURRY | TECHNICAL DATA SHEET | TDS

Interior/ Exterior Slaked Lime Coating (UNI 8681)

Organic Product made from Natural Materials

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 once dry. A 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

Apply directly to:

- Absorbent, unsealed and unpainted mineral surfaces such as brick, natural stone
- Absorbent stuccos if certain they are free of acrylics

Apply a coat of MicroGrip or MediumGrip primer to the following:

- Pre-painted surfaces
- Non-absorbent surfaces
- Glossy brick or stone
- Surfaces where the mineral content is unknown
- Concrete or CMU block
- Stucco

Contact Romabio for surfaces not mentioned above. The finish is inflexible which makes it unsuitable for surfaces that move such as wood, metal, vinyl and plastic.

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.

COVERAGE*

Approximately 135-150 sq/ft per gallon per coat with average absorption

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

***Actual coverage will vary depending upon application method, surface texture, and absorption. Recommended to test product on actual surface to determine the exact consumption.**

STORAGE

Store in a cool, dry and protected from frost. Close the open containers with care. **Do not store diluted paint.**

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.

PACKAGING

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

COLOR

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

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

Dry enough for 2nd coat after 8 to 12hrs in 0-60% humidity. The full carbonation of Romabio Lime Slurry will be reached around 20-25 days, at the earliest, after initial application under ideal conditions (68°F- RH 60%).

CONDITIONS FOR APPLICATION

- Air temperature: Min. +50 °F / Max. +88 °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%.
- **DO NOT APPLY** where there is surface condensation, directly under the sun or if forecast calls for rain within the first 48hrs.

FOR SEALED, NON-ABSORBENT OR PRE-PAINTED SURFACES

If the masonry surface is non-mineral, sealed, has been pre-painted and/or is unabsorbent, one coat of Romabio MicroGrip or Medium Grip Primer is **REQUIRED** or else the product will not bond to the surface. Apply as directed on Primer TDS or back of label instructions and allow to fully dry before applying first coat of Romabio Lime Slurry.



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FOR A FLUSH OR SMOOTHER FINISH

For a flush, artistic finish or to smooth out highly recessed mortar joints, apply a pre-coat of Romabio Travertino or Marmorino GM. This will allow for artistic flexibility. For Travertino, see TDS for instructions. For Marmorino GM, apply to mortar joints and pack evenly. Then allow to dry at least 24 hours before proceeding with Lime Slurry Application.

DILUTION INSTRUCTIONS

Dilution is not always necessary, and variations are general guidelines for optimal application conditions. Professional painters may adjust dilutions as needed to meet best uses for ease of application, job site requirements, and desired finish.

Dilute 0 – 5% with water

- 2.5L Size: add 0 – 125ml of clean water and mix well
- 15L Size: add 0 – 750ml of clean water and mix well

PRODUCT LIMITATIONS

- Lime Slurry should NOT BE APPLIED TO HORIZONTAL OR GROUND SURFACES such as steps, floors, porches, driveways, pavers, decks or anywhere there's foot traffic.
- Non-traffic, horizontal areas such as windowsills, ledges or other places subject to a lot of moisture or pooling water, should get a topcoat of Mineral Shield for best results.
- DO NOT APPLY TO RECLAIMED BRICK. Given the unknown history and various stages of deterioration and absorption, it can be difficult to get consistent or uniform results.
- Brick, stone or stucco in constant contact with damp at the foundation level may absorb excessive moisture or salt nitrates which can cause rapid deterioration of masonry substrates and its coatings.
- **This is not a stain blocking paint.** Inherent residues can be present in masonry surfaces, such as ferrous oxides, manganese, tannins or other mineral deposits and may not present until coated. A stain blocking pre-primer may be needed to prevent their appearance. Contact Customer Support at info@romabio.com for clarification and advice.
- DO NOT apply on fresh or uncured non-lime plasters, mortar, cement or stucco. Wait 30 days for the surface to fully cure or do an alkalinity test of the surface before painting.
- Avoid continuous exposure of the finished surface to sprinklers or jets of water while gardening or the constant backsplash of wet soil. The ferrous metal content of the water or the wet soil can leave stains over time. Use Mineral Shield to protect the bottom 3' of the home and occasionally check if more is needed.
- DO NOT apply to spalling or crumbling brick.

APPLICATION INSTRUCTIONS

- Properly prepare and clean surface, prior to application, removing any loose debris.
- Dampen the wall to be painted (wet but not dripping) and keep damp as necessary, especially in high heat or direct sunlight. ***In the event application is taking place below 60° F, you only need to mist or lightly dampen the masonry surface.***
- Test undiluted paint for coverage and desired consistency. Dilute if needed (max 5%) and mix very well. If water is sitting on top of your mixture, the paint is not properly mixed!
- Working top to bottom, apply a good solid coat in a horizontal pattern with a Romabio Large Masonry Brush. Be sure to carefully apply into the joints of the bricks to create a very slight, slurry wall texture.
- Allow to dry 8-12hrs.
- Apply 2nd coat, same as above, continuing in a horizontal pattern. If temps are above 80°, make sure to lightly dampen the wall surface again prior to applying the 2nd coat of Lime Slurry in order to permit a slow set.
- Allow to dry 8-12hrs.

PROTECT YOUR ROMABIO FINISH

Romabio MINERAL SHIELD is an invisible topcoat that helps protect Romabio mineral and lime paint finishes from damage, certain stains or weathering created by water, without changing the sheen of the finish or texture of the surface. Easily applied with a simple garden sprayer or spray bottle, Mineral Shield repels water droplets but still allows water vapor to pass through, allowing the surface to breathe while preserving the beauty of a Romabio paint finish. Use Mineral Shield to:

- Protect the bottom 3' of your home from soil/clay stains due to rain splash-back or snow build up.
- Protect horizontal surfaces such as windowsills and ledges from pooling water issues.
- Protect areas of your home free of overhangs or gutters that experience a frequent downpouring of water.
- Protect your finish around hose bibs, downspouts, sprinklers, or any place the comes in frequent contact with water.
- Protect your finish from pollen & stains in areas with frequently shedding trees & plants.



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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.

WARNING!

Wear suitable PPE to protect lungs, eyes and skin. Do not apply any products in direct exposure to strong/hot sunlight, rain, mist, high humidity (> 80%), at dew-point formation, or in the presence of strong wind. Beware the danger of frost overnight. Protect surrounding surfaces as necessary. Cover glass, ceramic, natural stone, brick, metal, wood, painted surfaces and glazed tiles. Clean affected areas immediately with water. If you scrape, sand or remove old paint from any surface, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

This Technical Data Sheet is based on data collected on the basis of technique and experience. Given the multiplicity of use of the product they cannot be binding. This information shall not constitute any legal obligation and no obligation from the seller or point of purchase, or any agreements inferred by employees who sell this product. Insurance or guarantees issued by our employees should always be confirmed separately in writing. Any information about product adaptability and use of the product, must be verified by user prior to purchase. Check the exact consumption of product for the surface where product may be applied to determine the amount of product needed. The user must verify color matching before starting work. **No refunds or exchanges will be provided for tinted products after they have been consumed or applied.**

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