

PRODUCT ADVICE & TECHNICAL DATA SHEET: LIME PAINT

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PRODUCT DESCRIPTION:

Lime Paint is a pure mineral paint with an authentic deep matte finish that is both washable and long-lasting, making it equally suitable for contemporary interiors and heritage restorations.

Lime Paint is water-based, free from harmful solvents, and formulated with no added plastics, microplastics or plasticisers. Thanks to its mineral composition, Lime Paint is highly breathable, humidity-regulating, mould- and fire-resistant. As it cures, the paint absorbs CO₂, helping to purify the air and support a healthier indoor environment.

Created in collaboration with Jonas Bjerre-Poulsen of Norm Architects, each of the 12 muted hues in the Lime Paint collection have been inspired by the coastal landscape of North Zealand, Denmark, to inspire calm and stillness.

PRODUCT CHARACTERISTICS:

- ◆ Deep matte – gloss 2
- ◆ Washable and durable finish
- ◆ For residential and commercial projects seeking a mineral, plastic-free paint with a durable, deep matte finish
- ◆ Pure mineral pigmentation for authentic colours with exceptional depth and character
- ◆ Excellent coverage
- ◆ Outstanding breathability to avoid condensation
- ◆ Natural mould & fire resistance
- ◆ Very low VOC emissions
- ◆ Air purifying through absorption of CO₂ when curing
- ◆ Easy to apply with roller, brush, or airless spray
- ◆ Water-based and free from harmful solvents
- ◆ No added plastics, microplastics or plasticisers

TECHNICAL DATA:

Usage:	Interior walls and ceilings
Gloss:	2
Drying time at 23 °C / 50% RH:	Touch-dry and re-coatable after 2-4 hours. Fully cured after 30 days
Application temperature:	Min. +8 °C. Max +30 °C
Application humidity:	Ideally 40-65%, max. 80%
Washability:	Class 1 (EN 13300)
Water vapour permeability:	Class 1 (EN ISO 7783) – sd value < 0.015 m
Application tools:	Roller, brush, airless spray
Dilution:	Mix with water – 5-10%
Available bucket sizes:	2.5 L, 5 L, 10 L (only for professionals)
Coverage rate:	Approx. 6-8 m ² /L per coat – 2 coats recommended
MAL code (1993):	00-4
VOC – max content:	1 g/L – EU limit (Cat. A/a): 30 g/L (2010)
Fire resistance:	Class 0 (BS 476-6+A1/-7)
pH value:	Approx. 13 (high alkalinity)

USE AREAS & SUBSTRATE TYPES:

Suitable for application on interior walls and ceilings only.
Suitable for application on a wide range of substrates like plaster, mortar, old paint, construction boards, plaster boards, and brick walls.

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Fresh plaster must be completely dry before application of primer, undercoat, paint, or Dolomite Plaster. Typical drying time for new plaster is 7 days for every 5mm thickness.

Mineral substrates must be at least 30 days old.

Substrates must be clean, dry, smooth and not transmit any loose particles.

Semi-glossy and glossy substrates should be lightly sanded to achieve a physical key and thoroughly cleaned.

Substrates must be resistant to high alkalinity.

Not for use on wood or metal and not for use on walls in shower enclosures or direct water contact surfaces.

RECOMMENDED PRIMER & UNDERCOAT:

Lime Paint can in many cases be applied without primer or undercoat.

Highly absorbent or irregularly absorbent substrates like untreated plaster, concrete and plaster boards can benefit from being primed before painting using Bio Micro Primer. This will ensure an even absorbency and thereby a more uniform finish.

For substrates with uneven coloration or multiple patch repairs, it is recommended to apply Lime Paint Undercoat prior to painting with Lime Paint. Lime Paint Undercoat will also help regulate absorbency and thereby optimize Lime Paint consumption.

APPLICATION:

PREPARATION & IMPORTANT NOTES:

For the first coat of paint, it is recommended to dilute the paint with 5-10% water. For the second coat, it is recommended to dilute again with 5-10% water. Stir thoroughly before and during use to ensure a good distribution of pigments and a smooth texture of the paint.

Due to the high content of lime, Lime Paint may thicken and become pasty in texture over time – even when stored in a sealed bucket. In case the texture becomes too thick and pasty, simply mix in water and stir thoroughly with a wooden stick to achieve the desired texture and consistency.

We recommend mixing buckets together if one bucket is not enough for coverage of a continuous surface.

Always check for colour accuracy prior to application. St Leo will not be liable for decorating costs caused by applying an incorrect colour.

Due to the quick-drying characteristics, it is important to work in a swift tempo to always maintain a wet edge when painting. Always ensure to complete a continuous surface to avoid undesirable brush or roller patterning marks.

Important: Make sure not to apply too thick coats. Over-application slows drying and can cause surface micro-cracking. Lime Paint benefits from being worked out thoroughly during application to bring out its mineral character and achieve a deep, rich finish.

APPLICATION:

Lime Paint comes to life through expressive brushwork, revealing a layered, artisanal texture with a deep matte finish. Lighter colours will appear with subtle tonal variations, while darker colours will appear with more pronounced tonal variations. We recommend using a 100-150mm block brush and applying two coats of paint. Please see full instructions for application by brush at www.stleointeriors.com.

For a deep matte uniform finish, Lime Paint can be applied in 2 coats by using a wide medium piled roller. However, due to its mineral character, Lime Paint dries quickly and dark colours can therefore be difficult to apply by roller without

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visible roller marks. We recommend rolling only the lighter shades of Still White, Porcelain White, and Stone Dust. Lime Paint can also be applied in 2 coats by airless spray. We recommend spraying with 135 bar pressure using a spraying nozzle size: 415-517.

VENTILATION AND DRYING:

Always ensure good ventilation during drying.
Lime Paint is touch-dry and re-coatable after 2-4 hours. The painted surface is fully cured after 30 days. Avoid rubbing and cleaning until fully cured.

CLEANING OF TOOLS:

Clean tools with warm water, removing as much paint as possible from brushes and rollers immediately after use.

COLOUR ACCURACY:

Due to the mineral character, and the use of natural materials in our finishes, some colour variation may occur from batch to batch, and subtle colour differences may appear between product types. These variations are a natural characteristic of our finishes and contribute to the individuality and depth of each finish. This also means that colour samples are indicative in the sense that minor variations between the colour sample and the ordered colour may occur.

To minimize the risk of visible colour variations, we recommend to:

- ◆ Order enough paint in one batch to cover your entire project.
- ◆ Mix buckets together if one bucket is not enough for coverage of a continuous surface.
- ◆ Stir thoroughly before and during application to distribute colour pigments evenly in the paint.
- ◆ Always check for colour accuracy prior to full application.
- ◆ Avoid spot repairs – repaint full sections to maintain consistency.
- ◆ Store leftover paint properly for future use.

REPAIRS & TOUCH-UPS:

Spot repairs and touch-ups are difficult to do without leaving a visible difference on the surface.

For best results, we recommend applying a single coat of paint over the entire wall or ceiling that requires repair, using the same batch of paint originally used. This will ensure a consistent colour and finish across the surface.

If a spot repair or touch-up is preferred, we recommend using the same batch of paint originally used. The lighter the colour, the easier it will be to get an acceptable result when spot repairing or touching up.

CLEANING & CARE:

When the paint is fully cured, spillage and dirt can be wiped off using a soft cloth or sponge wrung in warm clean water.

Avoid scrubbing and avoid the use of cleaning detergents as this will damage the painted surface.

Please note that paint takes 30 days to fully cure – until then, cleaning should be avoided, and extra care should be taken to protect the surface from spillage and dirt. To avoid leaving marks, always use a soft brush attachment when vacuuming adjacent surfaces.

St. Leo

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STORAGE:

Unopened containers have storage stability of 24 months from the date of manufacture. Always store frost free in original packaging. Containers that have been opened should be carefully resealed and kept upright to prevent leakage. Resealed containers have storage stability of minimum 6 months from date of manufacture.

WASTE DISPOSAL:

All product residue and containers must be deposited at a local waste collection point and in accordance with local and national regulations. Plastic and metal containers are recyclable.

USAGE WARNINGS:

Avoid inhaling spray mist. Lime Paint is highly alkaline when wet, so protect skin and eyes. In case of contact, rinse thoroughly with water. Refer to the Lime Paint Safety Sheet at www.stleointeriors.com for full safety, hazard and ingredient information.

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