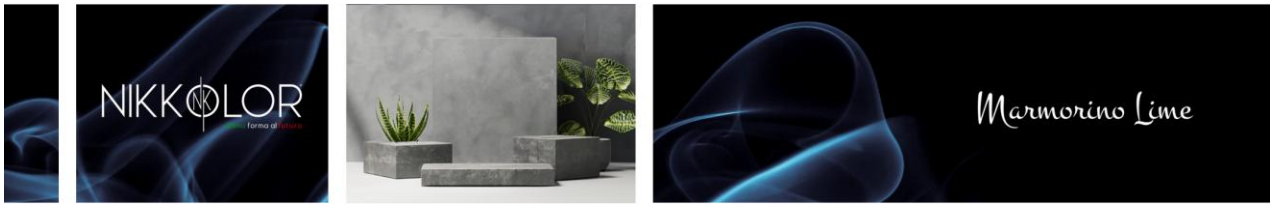

TECHNICAL DATA MARMORINO LIME
Issued on 05/02/2025 - Rev. n. 1 of 05/02/2025

Description of Marmorino Lime:
Marmorino Lime is the most refined expression of Italian decorative art, a fine coating that combines the timeless elegance of Venetian tradition with the sophistication of contemporary design.

Composition of Marmorino Lime:
- Made with natural lime, organic binders in aqueous solution, very fine mineral fillers and additives, Marmorino Lime is not only synonymous with beauty, but also with sustainability and ecology. Its eco-friendly composition promotes the breathability of surfaces, contributing to the well-being of environments and reducing environmental impact.

Fields of use of Marmorino Lime:
- Ideal for covering interior walls and ceilings intended for large-scale design and for the renovation of public and private environments, shopping centers, shops, bars, villas, residences.

Main features of Marmorino Lime:
- Natural and characteristic appearance of lime
- Continuous surface, without joints
- High breathability and durability
- Applicable on internal and external walls, furnishings, decorative panels

Preparation, coloring and mixing of Marmorino Lime:
1. Mix Marmorino Lime carefully using a mechanical mixer until obtaining a homogeneous and lump-free paste;
2. Add the quantity of coloring toner and mix until the colorant dissolves;
3. Leave the product to rest for 10 minutes.

Preparation of internal walls and application of Marmorino Lime «Effetto Cerato»:
- The supports must be dry, solid, free of dust, paint, wax, oil, crumbly and seasoned parts.

1. Apply a single layer of Primer NK uniformly over the entire surface to be treated using a short-haired roller and a brush.
2. Leave to dry for 24 hours (+20°C).
3. Apply a first layer of Marmorino Lime using a stainless steel trowel evenly over the entire surface;
4. Leave to dry for 12 hours (+20°C);
5. Apply a second layer of Marmorino Lime for approximately 3/4 m², go back and sand the surface to make it smooth and flat by tilting the stainless steel trowel;
6. Leave to dry for 24 hours (+20°C);
7. Apply a single layer of Cream Wax over the entire surface using a stainless steel trowel;
8. Leave to dry for 12 hours (+20°C);
9. Polish the entire surface treated with Cream Wax using an electric polisher with the appropriate soft wool pad.

Preparation of the internal and external walls and application of Marmorino Lime «Effetto Velato»:
- The surfaces must be dry, solid, free from dust, paint, wax, oil, crumbly parts and seasoned.

1. Apply a single coat of Primer NK evenly over the entire surface to be treated using a short-haired roller and a brush.
2. Leave to dry for 24 hours (+20°C).

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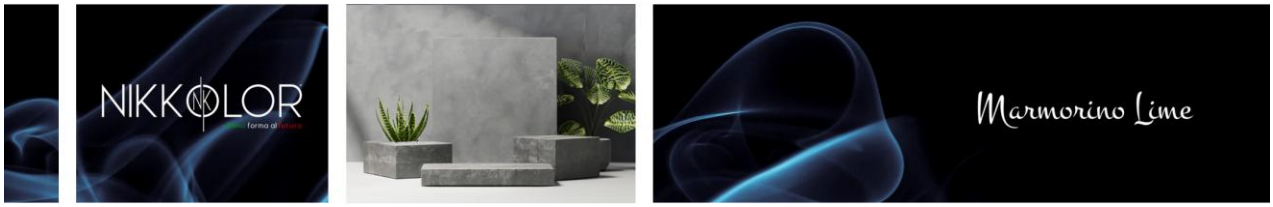


3. Apply a first coat of Marmorino Lime using a stainless-steel trowel evenly over the entire surface;
4. Leave to dry for 12 hours (+20°C);
5. Apply a second coat of Marmorino Lime for approximately 3/4 m², go back and sand the surface to make it smooth and flat by tilting the stainless steel trowel;
6. Leave to dry for 24 hours (+20°C);
7. 7. Apply a first coat of Velatura Silossanica diluted 70% with drinking water using a brush with soft bristles;
8. 8. Leave to dry for 24 hours (+20°C).
9. 9. Apply a second coat of colored Velatura Silossanica diluted to max 10% with drinking water using a soft bristle brush for 2/3 m², go back and using a crescent sponge blend the color so as to recreate the characteristic chiaroscuro of the Velatura;
10. 10. Leave to dry for 24 hours (+20°C).

Preparation of internal and external walls and application of Marmorino Lime «Effetto Naturale»:

- The surfaces must be dry, solid, free from dust, paint, wax, oil, crumbly and seasoned parts.

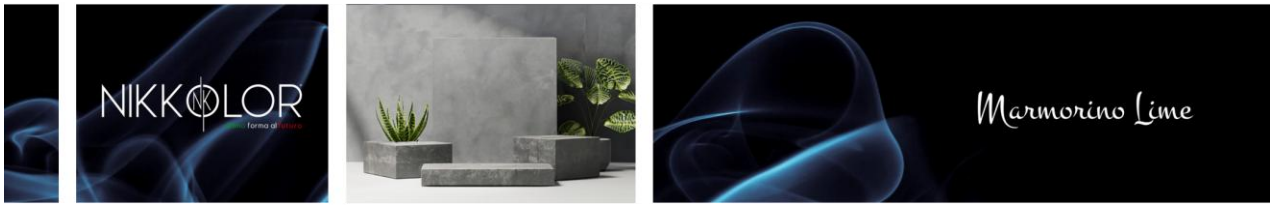
1. Apply a single layer of Primer NK evenly over the entire surface to be treated using a short-haired roller and a brush.
2. Leave to dry for 24 hours (+20°C).
3. Apply a first layer of Marmorino Lime using a stainless-steel trowel evenly over the entire surface;
4. Leave to dry for 12 hours (+20°C);
5. Apply a second layer of Marmorino Lime for approximately 3/4 m², go back and sand the surface to make it smooth and flat by tilting the stainless steel trowel;
6. Leave to dry for 24 hours (+20°C);
7. Apply a generous layer of ProteKto EcoSilan using a short-haired Mohair roller;
8. Leave to dry for 24 hours (+20°C).

Warnings and recommendations for Marmorino Lime:

- Do not apply on dusty surfaces;
- Do not apply on wet surfaces;
- Do not apply on still damp surfaces and restorations;
- Do not apply where the presence of rising damp or infiltration damp has been ascertained;
- Make sure the temperature does not fall below +10°C.

Technical data for Marmorino Lime:

- Appearance of Marmorino Lime: Paste;
- Color of Marmorino Lime: Characteristic white
- Specific weight of Marmorino Lime (UNI EN ISO 2811-1): 1.6 Kg\Lt;
- Viscosity of Marmorino Lime (UNI EN ISO 3219): ~ 130000 mPa*s;
- pH of Marmorino Lime mix: >12;
- Yield of Marmorino Lime: 1.6 kg/m² in two coats depending on the support and the thickness applied;
- Temperature of use of Marmorino Lime: +10°C and +30°C;
- Drying to the touch of Marmorino Lime: 4h at +20°C.;
- Overlaying of Marmorino Lime: 12h at +20°C.;
- Total hardening of Marmorino Lime: ~48h at +20°C.;
- Storage of Marmorino Lime: 24 months in a cool place away from heat sources. (+10°C and +30°C);
- Colors obtainable with Marmorino Lime toner: 32 shades;
- Packaging of Marmorino Lime: 14 lt and 5 lt;
- Classification by final use of Marmorino Lime (UNI EN 1062.1 – 4.1): Decoration and protection;



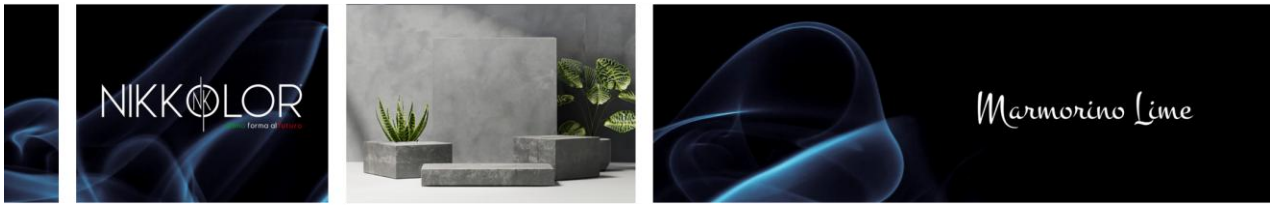
- Classification by type of binder of Marmorino Lime (UNI EN 459-1:2001): Natural Hydraulic Lime;
- Classification by state of Marmorino Lime (UNI EN 1062.1 – 4.3): Aqueous Dispersion;
- VOC classification of Marmorino Lime: Compliant with Legislative Decree no. 161 of 27/03/2006 (Implementation of Directive 2004/42/EC);
- UNI 8681 classification of Marmorino Lime: Stucco, for finishing layer, in aqueous dispersion, single-component, chemically dried, matt, for wall supports, lime-based; E4.C0.C2.A3.SA;
- Marmorino Lime Safety Regulations: Marmorino Lime is not considered dangerous according to the provisions of Directives 67/548/EEC and 1999/45/EC and subsequent amendments and adjustments;
- Information on the transport of Marmorino Lime: Marmorino Lime is not to be considered dangerous according to the provisions in force regarding the transport of dangerous goods by road (ADR), by rail (RID), by sea (IMDG Code) and by air (IATA);
- EUH210 of Marmorino Lime: Safety data sheet available upon request.

Technical data Primer NK:

- Color of Primer NK: Characteristic;
- Appearance of Primer NK: Liquid;
- pH of Primer NK: >9;
- Dilution of Primer NK: Ready to use;
- Specific weight of Primer NK: 1.5 kg/lt;
- Dry residue of Primer NK: 67%;
- Water solubility of Primer NK: soluble;
- Average consumption of Primer NK: ±6/8 m²/lt;
- Average thickness of Primer NK: 300 µ;
- Dust dry of Primer NK at approx. 23°C: 3 hours depending on external humidity;
- Time for overlaying Primer NK coating: 24h at +20°C.;
- Storage of Primer NK: at a temperature between +5°C and +35°C away from humidity;
- Temperature limits for use of Primer NK: +5°C and +35°C;
- Packaging of Primer NK: 7 lt and 2.5 lt;
- Cleaning of tools after using Primer NK: With drinking water.
- Primer NK complies with the UNI EN 15457 standard (resistance to fungal growth), due to the presence of specific additives with a broad spectrum of action, allowing the product to prevent the formation of mold, fungi, algae and moss over time.

Technical data of Cream Wax:

- Appearance of Cream Wax: Creamy;
- Composition of Cream Wax: Mixture of paraffin waxes in aqueous dispersion;
- Yield of Cream Wax: 63 g/m2 in two layers depending on the absorption of the support;
- Color of Cream Wax: Characteristic.;
- Specific weight of Cream Wax: 0.850 kg/lt +/- 3%;
- pH of Cream Wax: >9;
- Viscosity of Cream Wax: ≈ 8,000 mPas;
- Application temperature of Cream Wax: +5°C ÷ +30°C;
- Cream Wax curing: 7 days;
- Cleaning tips after using Cream Wax; A damp microfiber cloth;
- Cleaning Cream Wax tools: Water;
- Cream Wax packaging: 2.5 Lt and 1 Lt;
- Storage of Cream Wax: 24 months in a cool place away from heat sources. (+10°C and +35°C).



Technical data of Siloxane Velatura:

- Appearance at +23°C of Siloxane Velatura: Liquid;
- Specific weight of the Siloxane Glaze: 1.040 +/- 5%;
- Composition of the Siloxane Glaze: Special acrylic-siloxane emulsion, photostable pigments, specific additives and bactericides;
- Base color of the Siloxane Glaze: Neutral whitish;
- Viscosity of the Siloxane Glaze: 200" - 250" Ford Cup 4;
- pH of the Siloxane Glaze: >9;
- Yield of the Siloxane Glaze: 30 m²/Lt. in a single coat;
- Dilution of the Siloxane Glaze: ready to use or dilutable with drinking water from 30% to 100% based on use;
- Temperature of use of the Siloxane Glaze: +10°C and +30°C.;
- Drying of the Siloxane Glaze: To the touch 1 h, in depth 24h at 20°C;
- Application of the Siloxane Glaze: Roller, brush, airless;
- Cleaning of tools after using the Siloxane Glaze: Water;
- Packaging of the Siloxane Glaze: Lt 2.5;
- Cleaning tips for the Siloxane Glaze: Clean using a damp microfiber cloth;
- Storage of the Siloxane Glaze: In original tightly closed packages and in a dry place between +5°C and +30°C;
- Washing resistance of the Siloxane Glaze: Resistant to washing > 5000 cycles Gadner UNI 10795 UNI 10560;
- Permeability to water vapor of the Siloxane Glaze: High UNI 10795 UNI EN ISO 7783-2;
- Alkali resistance of the Siloxane Glaze: UNI 10795;
- Dirt pick-up of the Siloxane Glaze: Low UNI EN 10792;
- Compliant with the UNI EN 15457 standard of the Siloxane Glaze (resistance to fungal growth), due to the presence of specific additives with a broad spectrum of action, allows the product to prevent the formation of mold, fungi, algae and moss over time.

The times expressed are longer or shorter with the decrease or increase in temperature. In accordance with the general principles - Principles of evaluation of use of products and systems. Test conditions: temperature 23±2°C, 50±5% R.H. and air speed in the test area <0.2 m/s. The data expressed may vary depending on the specific conditions of the construction site: temperature, humidity, ventilation, absorbency of the substrate.

The values indicated for consumption are indicative. In practice, a higher consumption of approximately 10% should be considered. Consumption depends on the roughness and absorbent characteristics of the support, as well as the application technique.

The processing cycles indicated above do not constitute any assumption of responsibility by Nikkolor Italia s.r.l., which remains relieved of any problems originating from incorrect installations, or from interventions that do not comply with the regulations in force on the subject and the application instructions reported in the specific technical data sheets of each individual product.

The written and verbal technical-application instructions provided to buyers and applicators are based on our experiences and on the current state of the art at a theoretical and practical level; they are not binding and do not prefigure any contractual obligation or secondary commitment deriving from the purchase contract. They do not exempt the buyer from personally verifying and on his own responsibility the suitability of our products for the intended application purpose.

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