

Perla d'Oriente

TECHNICAL DATA PERLA D'ORIENTE

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Description:

The quintessential sandblasted series, Perla d'Oriente, transforms into haute couture for design, a dream come true. A line of pearly metallic effects, a symphony of lights that dress the essence of elegance and illuminate its nuances with an enchanting effect. Water, its secret formula, a harmony with the environment, a respectful choice, low VOC content, air quality thanks you, and the protection of installers is guaranteed. Formaldehyde, banished from this marvel, a safe work for those who love purity. Colors that resist time and sunlight, the vibrant finish remains intact, without veils.

Composition:

- Special resin emulsion, a mix of natural biostable micas, crystal microspheres, pigments, and additives; which make Perla d'Oriente a sandblasted decorative finish, quick and easy to apply, non-toxic, non-yellowing, permeable to water vapor, and resistant to fungi and bacteria.
- Perla d'Oriente is an environmentally sustainable and advanced product, containing no added *Formaldehyde or **APEO, and with a very low VOC content.

Areas of use:

- Ideal for covering interior walls and ceilings for high-end design and renovations in public and private spaces, shopping centers, shops, bars, villas, and residences.
- The unique feature of the total absence of joints allows for seamless solutions, a true innovation in modern architecture, a refined finish capable of creating a velvet effect, giving the surfaces it covers three-dimensionality, and a soft, smooth touch.

Preparation and application for interior walls, furniture, and doors:

- Substrates must be dry, solid, and free of dust, paint, wax, oil, loose, and seasoned particles.
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. Let dry for 24 hours (+20°C);
 3. Apply a first coat of Perla d'Oriente using a spalter brush, using crisscrossing movements over the entire surface to be treated;
 4. Let dry for 12 hours (+20°C);
 5. Apply a second coat of Perla d'Oriente as before;
 6. Let dry for 24 hours (+20°C).

Preparation and application for exterior walls:

- Substrates must be dry, solid, and free of dust, paint, wax, oil, loose, and weathered particles.
1. Apply a single coat of Primer NK diluted 30% with drinkable water evenly over the entire surface to be treated using a short-haired roller and a brush;
 2. Let dry for 24 hours (+20°C);
 3. Apply a first coat of Perla d'Oriente using a spalter brush, using crisscrossing movements over the entire surface to be treated;
 4. Let dry for 12 hours (+20°C);
 5. Apply a second coat of Perla d'Oriente as before;
 6. Let dry for 24 hours (+20°C).
 7. Apply a first coat of Vetroliquido PRP using a short-haired roller (mohair) for approximately 1/2 m² and immediately smooth the product with a stainless-steel trowel to eliminate any bubbles;
 8. Let dry for 12 hours (+20°C);
 9. Apply a second coat of Vetroliquido PRP as before;
 10. Let dry for 24 hours (+20°C);
 11. Apply a third coat of Vetroliquido PRP as before;
 12. Leave the product to dry for 48 hours (+20°C).

Preparation and application for shower enclosures and kitchen backsplashes:

- Substrates must be dry, solid, and free of dust, paint, wax, oil, loose, and seasoned debris.
1. Lay out the 70/80 g/m² fiberglass mesh, taking care to position it so that it doesn't crease, overlapping the ends of the mesh by at least 10 cm;
 2. Apply a first coat of Primer Beton using a stainless-steel trowel, evenly and evenly over the entire surface to be treated;

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3. Let the product dry for 24 hours (+20°C);
4. Apply a second coat of Primer Beton as previously;
5. Let the product dry for 24 hours (+20°C);
6. Apply a single coat of Primer NK diluted 30% with drinking water, evenly over the entire surface to be treated, using a short-haired roller and a brush.
7. Let dry for 24 hours (+20°C).
8. Apply a first coat of Perla d'Oriente using a spalter brush, using crisscrossing movements over the entire surface to be treated;
9. Let dry for 12 hours (+20°C);
10. Apply a second coat of Perla d'Oriente as before;
11. Let dry for 24 hours (+20°C).
12. Apply a first coat of Vetroliquido PRP using a short-haired roller (mohair) for approximately 1/2 m² and immediately smooth the product with a stainless-steel trowel to eliminate any bubbles;
13. Let dry for 12 hours (+20°C);
14. Apply a second coat of Vetroliquido PRP as before;
15. Let dry for 24 hours (+20°C);
16. Apply a third coat of Vetroliquido PRP as done for the second;
17. Let the product dry for 48 hours (+20°C).

Technical data:

- Appearance at +23°C: Creamy;
- Specific weight: 1.100 +/- 5% kg/L.
- Composition: Resin emulsion, mix of natural biostable micas, crystal microspheres, various additives;
- Base colors: Silver, White Pearl, Gold, Aluminum, Platinum;
- Colors obtainable with toner: 32 shades;
- Viscosity at +23°C: $\approx 4300 \text{ cps} \pm 5\%$ G6 RPM 100 at 25°C;
- pH: > 9.00;
- VOC classification: 8.6 g/L;
- Coverage: 12 m²/L. Apply two coats depending on the substrate's absorption;
- Dilution: Ready to use;
- Operating temperature: +10°C and +35°C;
- Drying: Touch dry in 1 hour, thoroughly dry in 24 hours at 20°C;
- Application: Spalter brush, roller, and stainless steel trowel;
- Cleaning tools: Water;
- Packaging: 2.5 liters;
- Cleaning instructions: Clean with a damp microfiber cloth.
- Storage: In the original, tightly closed containers and in a dry place between +5°C and +30°C;
- Washing resistance: Resistant to washing > 30,000 cycles Gardner UNI 10795 UNI 10560;
- Water vapor permeability: High UNI 10795 UNI EN ISO 7783-2;
- Alkali resistance: UNI 10795;
- Dirt pick-up: Low UNI EN 10792.

The written and verbal technical and application instructions provided to purchasers and installers are based on our experience and the current state of the art in theory and practice. They are not binding and do not imply any contractual obligation or secondary commitment arising from the purchase contract. They do not exempt the purchaser from personally verifying the suitability of our products for the intended application, at their own risk. The processing cycles indicated above do not constitute any assumption of liability by Nikkolor Italia s.r.l., which is exempt from any liability for problems arising from incorrect installation.

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