



TECHNICAL DATA METALLIKA XL

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Description:

Metallika XL is a symphony of luxury and modernity, an elegant and sparkling decorative effect with metallic reflections. Its surfaces, rich in iridescent hues and a refined sheen, capture light in an extraordinary way, transforming any space into a place of prestige and charm.

Composition:

- Metallika XL is composed of a special acrylic emulsion, biostable, UV-resistant metallic pigments, and various additives.

Fields of use:

- Ideal for covering interior floors, 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 completely seamless finish allows for seamless solutions, a true innovation in modern architecture, a refined finish capable of creating a metallic effect, lending three-dimensionality to the surfaces it covers.

Preparing the substrates to be treated:

- The substrates must be dry, solid, and free of dust, paint, wax, oil, loose particles, and seasoned surfaces.
- We recommend contacting our technical support team to ensure a perfect base before starting work.

Preparation and application:

- The product is ready for use;
1. Apply a first coat of Metallika XL using a stainless steel trowel over the entire surface;
 2. Let dry for 12 hours (+20°C);
 3. Apply a second coat of Metallika XL using the same method as the first coat;
 4. Let dry for 24 hours (+20°C).

Important notes:

- Do not use on metal, rubber, vinyl, linoleum, or PVC surfaces.
- In unfavorable environmental conditions such as high temperatures, wind, and proximity to rain, the pot life may be significantly reduced; outdoor use is not recommended in these weather conditions.

Warnings and recommendations:

- Store in a dry, dry place, away from sunlight;
- Do not apply to dusty surfaces;
- Do not apply to wet surfaces;
- Do not apply to frozen surfaces;
- Do not apply to substrates and repairs that are still damp;
- Do not apply where rising or seeping damp has been confirmed;
- Do not apply in strong sunlight (outdoor application);
- Do not apply in strong winds (outdoor application);
- Do not apply in rain (outdoor application);
- Check the local weather forecast (outdoor application);
- Make sure the temperature does not drop below +10°C;
- Measure the humidity level at a depth of 4 cm using a carbide hygrometer to ensure it is less than 3%.
- Cover windows, doors, etc. well.

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Metallika xl

Performance characteristics:

- Tensile strength (EN 13892-2): 38 N/mm² after 28 days;
- Compressive strength (EN 13892-2): 38 N/mm² after 28 days;
- Flexural strength (EN 13892-2): 36 Nm after 28 days,
- Impact resistance (UNI EN ISO 6272-1): 0.500 Nm/501 m;
- Permeability resistance (UNI EN 1062-3): 0.0001 kg/m²*h^{0.5} after 5 days,
- Fire reaction (EN 13501-1) CLASS 1 after 28 days;
- Adhesion strength to concrete (EN 13892-8): 6 N/mm² after 28 days;
- Test for castor chairs (EN 425): absolutely free of defects;
- The minimum/maximum recommended thickness for the application cycle is 3 mm. Consumption may vary depending on the consistency, porosity, and condition of the surface, as well as the application method;
- Performance tests were conducted in our laboratories (laboratory temperature +21°C - humidity 65%);
- Slip resistance: DIN 51097 Method Class A $19^{\circ} \leq \alpha < 27^{\circ}$ - Non-slip (DIN 51130): R11 - Food production environments, catering kitchens, work environments with a high presence of water and mud, clinics, laboratories, laundries, hangars.

Technical Data:

- Appearance at +23°C: Creamy;
- Specific weight: 1.080 +/- 5% Kg/Lt;
- Base colors: Liquid Steel and Liquid Gold;
- Colorable: With our toners;
- Appearance at +23°C: Creamy;
- Brookfield Viscosity: 4300 cps \pm 5% G6 RPM 100 at 25°C;
- VOC Classification: 8.7 g/L;
- pH: > 9.00;
- Yield: 20 m²/L depending on the desired effect;
- Dilution: Ready to use;
- Operating temperature: +10°C and +30°C;
- Drying: Touch dry 2 hours, through dry 24 hours at 20°C;
- Application: Stainless steel trowel, plastic trowel, brush, airless sprayer;
- Tool cleaning: Water;
- Packaging: 2.5 liters;
- Operating temperature range: +5°C / +35°C;
- Storage: Store in tightly closed original containers in a dry place between +5°C and +30°C.
- Washing resistance: Resistant to washing > 30,000 cycles Gadner 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;

Compliant with standard UNI EN 15457 (resistance to fungal growth), thanks to the presence of specific broad-spectrum additives, the product prevents the formation of mold, fungi, algae, and moss over time.

The written and verbal technical and application instructions provided to buyers and installers are based on our experience and the current state of the art, both theoretically and practically. They are not binding and do not imply any contractual obligation or secondary commitment arising from the purchase contract. They do not exempt the buyer 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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