NIKKOLOR
diamo forma al futuro

ArchiMetal

TECHNICAL DATA ARCHIMETAL
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TECHNICAL FEATURES:
A new technology designed to make ArchiMetal the first highly flexible and pressure-resistant single-component water-based nano coating on the market, creates a solid mantle that lasts over time. The chemical composition created and developed in our laboratories, composed purely of non-metallic alloys, recycled nano resins and fluid zirconium, all this represents a technological leap never achieved before, available in five different versions, steel/tin, gold/brass, bronze, copper and zinc. Archimetal can be applied for the artist or craft decoration of interior floors (with due protection), exterior and interior cladding, bathrooms and shower enclosures (without protection), ceilings, furniture and furnishing accessories (with or without protection).

PREPARATION OF THE SUBSTRATES:
The substrates to be treated with ArchiMetal must be dry and free from dust or dirt. Apply a coat of Primer NK (see Primer NK technical sheet), ArchiMetal can be applied to glass without using a primer.

APPLICATION:
Apply one or two coats of ArchiMetal using a stainless steel trowel, after 12 hours proceed with polishing the treated surface using 1000 and 3000 grit silicon carbide polishing discs using an electric polisher connected to an aspirator (the use of of silicon close the pores of the product, giving more shine and permeability to water), after polishing it is recommended to wipe with a soft cloth to eliminate any traces of metal dust, ArchiMetal can be applied in medium thickness or in multiple colours, ArchiMetal can be colored with our AQ coloring pastes.

IMPORTANT NOTES:
ArchiMetal is made up of two components, COMP. A paste-based and COMP. B base powder. Pour the powder in small doses and using an electric mixer with a special whisk until you get a homogeneous paste without lumps, after mixing the product is ready for application. After use, the product can be stored for about a year, if drinking water has been added it is recommended to use the product. We recommend mixing only the quantity necessary for the surface to be treated (in the case of small jobs), if you decide to mix both bases and store the product, it should be noted that after some time, deposits may form inside the container. surface, the product can be used again but care must be taken to eliminate the encrusted parts and mix again before the next use (these data are provided on the basis of the studies carried out in our laboratories, it is the installer's responsibility to read the technical data sheet before use).

WARNINGS AND RECOMMENDATIONS:
- Store in a dry and moisture-free environment, away from sunlight;
- Temperature of use: +10°C +30°C;
- Recommended application for interiors and exteriors;

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• Apply on dry and clean substrates;
• Cover well windows, doors, etc .;
• Do not apply on wet or frozen substrates or on repairs that are still damp;
• Do not apply in the presence of beating sun, strong wind or rain;
• It is important that during application and in the following 24 hours the temperature does not drop below +10°C and the relative humidity does not exceed 80%

TECHNICAL DATA:
• Viscosity (UNI EN ISO 3219): ~ 180000 mPa*s;
• Specific weight (UNI EN ISO 2811-1): ~ Kg 3 (Comp. A kg 1,5 - Comp. B kg 1,5;
• Coverage: ~8/10 m² (troweled), depending on the thickness applied the coverage may decrease considerably;
• Dilution: ready to use, depending on the type of processing chosen, the product can be diluted from 20% to 70% with drinking water.
• PH: ~9.00;
• Tools: trowel, brush, spray (in the case of spray application it is necessary to use special nozzles and an agitator to keep the product formulation in suspension);
• Colors: Steel/Tin, Gold/Brass, Bronze, Copper and Zinc
• Layer drying time: ~ 6/8 hours;
• Drying time before polishing: ~ 12 hours;
• Drying time for the overlay of ProteKto EcoSilan: ~ 7 days;
• Drying time for overlaying VetroLiquido PRP: ~ 3 days;
• Total hardening: ~ 72 hours;
• Resistance to water and UV rays: at least ten days from final polishing;

N.B. These times listed above may vary according to the thickness of the product, the humidity, and the ambient temperature.

Classification for final use (UNI EN 1062.1-4.1): Decoration and Protection;
Classification by type of binder (UNI EN 1062.1-4.2): Microresin;
Classification by state (UNI EN 1062.1-4.3): Aqueous dispersion;
VOC classification: In compliance with D.L. No. 161 of 03/27/2006 (Implementation of Directive 2004/42/EC);
Storage in well-closed original packaging and in a dry place between +5°C and +30°C.

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