

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, gold, 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 one or two coats of Primer Plus (see Primer Plus technical data sheet).

APPLICATION:

Apply ArchiMetal in one or two layers according to the desired texture using a stainless steel trowel, after 12 hours proceed with polishing the treated surface using 1000 and 3000 grain silicon carbide polishing discs using an electric polisher connected to a vacuum cleaner, after the polishing it is advisable to wipe with a soft cloth to remove any traces of metal dust, it is possible to apply ArchiMetal in medium thickness or in multiple colors (all textures and new effects will be explained and presented through our training seminars).

IMPORTANT NOTES:

ArchiMetal is made up of two components, COMP. 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 indoors and outdoors;
- Apply on dry and clean substrates;
- Cover windows, doors, etc.;
- Do not apply on wet or frozen substrates or on repairs that are still damp;
- Store in a cool, dry place away from the sun;
- 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 +5°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);
- PH: ~9.00;
- Dilution: ready to use, depending on the type of processing chosen, the product can be diluted from 20% to 70% with drinking water.
- 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);
- Yield: ~8/10 m²/lt (troweled), depending on the thickness applied the yield can decrease significantly;
- Colors: Steel, Gold, Bronze, Copper and Zinc
- Drying time of the first layer: ~6/8 hours;
- Drying time of the second layer: ~6/8 hours;
- Drying time before polishing: ~12 hours;
- Drying time for VL3D overlay: ~48 hours
- Total hardening: ~72 hours;
- Resistance to water and UV rays: at least seven days from final polishing;

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.

- *The data contained may vary at any time without prior notice by Nikkolor Italia.*
- *The information contained in these technical data sheets are the result of our best knowledge and, as such, are disclosed for information purposes, therefore it does not engage the responsibility of our Company towards any disputes arising from conditions of use beyond our control, who intends to use it is required to establish whether the product is suitable for use.*
- *Our warranty obligation is therefore limited to the quality and constancy of the same in relation to the finished product, and exclusively for the data reported above.*
- **For more detailed information, please contact our TECHNICAL ASSISTANCE service.**

