



## TECHNICAL DATA ARCHIMETAL ORONERO

Issued on 26/10/2020 - Rev. n. 1 of 18.07.2024

### Description:

In pursuit of new materials and technologies for the creation of high-performance finishes, ArchiMetal OroNero allows for the creation of unique textures, transforming surfaces into real metal of extraordinary beauty and absolute exclusivity. The chemical composition, created and developed in our laboratories, is composed primarily of non-metallic alloys, recycled nanoresins, and fluid zirconium.

### 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 the effect of metal, lending three-dimensionality to the surfaces it covers.

### Main features:

- Realistic and natural metal appearance
- Seamless, seamless surface
- Highly resistant and durable
- Suitable for interior and exterior walls, furniture, and decorative panels

### Preparation:

- ArchiMetal OroNero is composed of three components: Comp. A for the paste base, Comp. B for the powder base, and AD Nero for the coloring additive.
1. Pour AD Nero into Comp. A and mix using an electric mixer with a whisk attachment;
  2. Pour the powder in small doses using an electric mixer with a whisk attachment until a smooth, lump-free paste is obtained.

### Preparation and application for interior walls:

- 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 the product dry for 24 hours (+20°C);
  3. Apply a single coat of ArchiMetal OroNero, approximately 1 mm thick, using a stainless-steel trowel, evenly and evenly over the entire surface to be treated;
  4. Let the product dry for 24 hours (+20°C);
  5. Using an electric polisher connected to a vacuum cleaner, attach the 1000-grit silicon carbide polishing disc and polish the entire surface;
  6. Polish the surface again as before, but replace the silicon carbide polishing disc with a 3000-grit disc;
  7. Apply a generous coat of ProteKto EcoSilan using a short-haired Mohair roller;
  8. Let it dry for 24 hours (+20°C);
  9. Polish the surface again as before using a 3000-grit silicon carbide polishing disc.

### Preparation of walls, furniture, interior and exterior doors and application:

- Substrates must be dry, solid, and free of dust, paint, wax, oil, loose particles, and seasoned surfaces.
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 ArchiMetal OroNero using a stainless-steel trowel, evenly and evenly over the entire surface to be treated.
  4. Let the product dry for 24 hours (+20°C);
  5. Apply a second coat of ArchiMetal OroNero as before;
  6. Let dry for 24 hours (+20°C);

**Nikkolor Italia s.r.l.**

V.le Vittorio Veneto, 186 - 96014 Floridia (SR)  
+39 0931 941789 - [www.nikkolor.net](http://www.nikkolor.net)



7. Using an electric polisher connected to a vacuum cleaner, attach the 1000-grit silicon carbide polishing disc and polish the entire surface;
8. Polish the surface again as before, but replace the silicon carbide polishing disc with a 3000-grit disc;
9. Apply a first coat of Vetroliquido PRP Satin using a short-haired (mohair) roller for approximately 1/2 square meter, then smooth the product with a stainless-steel trowel to eliminate any bubbles;
10. Let the product dry for 12 hours (+20°C);
11. Apply a second coat of Vetroliquido PRP Satin as done with the first;
12. Let the product dry for 48 hours (+20°C);

**Preparation and application for shower enclosures, bathrooms, kitchen backsplashes, and interior and exterior surfaces:**

- Substrates must be dry, solid, and free of dust, paint, wax, oil, loose particles, and seasoned surfaces.
1. Lay out the 70/80 g/m<sup>2</sup> fiberglass mesh, taking care to position it so that it does not 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 smoothly over the entire surface to be treated;
  3. Let the product dry for 24 hours (+20°C);
  4. Apply a second coat of Primer Beton as before;
  5. Let the product dry for 24 hours (+20°C);
  6. Apply a first coat of ArchiMetal OroNero using a stainless-steel trowel, evenly and smoothly over the entire surface to be treated;
  7. Let the product dry for 12 hours (+20°C);
  8. Apply a second coat of ArchiMetal OroNero as before;
  9. Let the product dry for 24 hours (+20°C);
  10. Using an electric polisher connected to a vacuum cleaner, attach the 1000-grit silicon carbide polishing disc and polish the entire surface;
  11. Polish the surface again as before, but replace the silicon carbide polishing disc with a 3000-grit disc;
  12. Apply a first coat of Vetroliquido PRP Satin using a short-haired roller (mohair) for approximately 1/2 m<sup>2</sup>, then immediately smooth the product with a stainless-steel trowel to eliminate any bubbles;
  13. Let the product dry for 12 hours (+20°C);
  14. Apply a second coat of Vetroliquido PRP Satin as done with the first;
  15. Let the product dry for 48 hours (+20°C).

**Technical data:**

- Viscosity (UNI EN ISO 3219): ~180,000 mPa\*s;
- Specific weight (UNI EN ISO 2811-1): ~3 kg (Component A 1.5 kg - Comp. B 1.5 kg);
- Coverage: ~9 m<sup>2</sup> (spatula effect);
- Dilution: ready to use;
- pH: ~9.00;
- Pot life: 6 to 12 months without adding water, in original containers with clean edges;
- Drying time: ~12 hours;
- Curing time for overlaying Vetroliquido PRP: ~24 hours;
- Total hardening: ~72 hours;
- Packaging: Comp. A 1.5 kg and Comp. B 1.5 kg + AD Black Additive 500 ml;
- Water and UV resistance: 10 days after final polishing;
- Classification by end use (UNI EN 1062.1-4.1): Decoration and Protection;
- Classification by binder type (UNI EN 1062.1-4.2): Non-resin;
- Classification by state (UNI EN 1062.1-4.3): Aqueous dispersion;
- VOC classification: Complies with Legislative Decree No. 161 of 27/03/2006 (Implementation of Directive 2004/42/EC).

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 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 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.

**Nikkolor Italia s.r.l.**

V.le Vittorio Veneto, 186 - 96014 Floridia (SR)  
+39 0931 941789 - [www.nikkolor.net](http://www.nikkolor.net)