



## TECHNICAL DATA MARMOMETAL

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### Description:

The extraordinary creativity and emotional impact of Italian design blend with the mastery of timeless tradition, giving rise to a new series of warm, bold shades that reflect luxury and elegance. The chemical composition created and developed in our laboratories, composed primarily of non-metallic alloys, recycled nanoresins, and fluid zirconium, represents a technological leap never achieved before. Available in four different versions: tin, brass, bronze, and copper.

### Areas of use:

- The MarmoMetal decorative effect is achieved using Marbled Mirror and ArchiMetal.
- The combination of these two products develops excellent adhesion and flexibility, maintaining both color and appearance over time.
- Its innovative formulation is achieved using some of the finest raw materials, which provide excellent mechanical properties, remarkable chemical resistance, and an effective barrier to mold and bacteria.
- Perfect for residential spaces, shops, showrooms, hotels, and contract environments where a strong and refined visual impact is desired.

### Main Features:

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

### Preparation:

- Marbled Mirror is ready to use. Pour in the Carbon Black colorant and mix using an electric mixer with a whisk attachment until a smooth, lump-free paste is obtained. Let the product rest for a few minutes.
- ArchiMetal is composed of two components. Pour the "Comp B" metal powder in small doses into "Comp A" and mix using an electric mixer with a whisk attachment until a smooth, lump-free paste is obtained. If necessary, add drinking water until a soft paste is obtained.

### Preparation and Application of Interior Walls:

- 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 the product dry for 24 hours (+20°C);
  3. Apply a first coat of Marbled Mirror using a steel trowel;
  4. Let it dry for 12 hours (+20°C);
  5. Apply a second coat of Marbled Mirror over approximately 2 m<sup>2</sup>, then go back and smooth the surface by tilting the stainless-steel trowel until it is smooth and level;
  6. Let it dry for 24 hours (+20°C);
  7. Apply ArchiMetal to the blade of the stainless-steel trowel and lightly dab the surface abstractly over 2 m<sup>2</sup>. Lightly smooth the product while still wet to create the desired texture; the more you press the product, the wider the texture will be;
  8. Let it dry for 24 hours (+20°C);
  9. Using an electric polisher connected to a vacuum cleaner, attach the 1000-grit silicon carbide polishing disc and polish the entire surface;
  10. Polish the surface again as before, but replace the silicon carbide polishing disc with a 3000-grit disc;
  11. Apply a generous coat of ProteKto EcoSilan using a short-haired mohair roller;
  12. Let dry for 24 hours (+20°C);
  13. Polish the surface again as before, using the 3000-grit silicon carbide polishing disc.

### Preparation and application for interior and exterior furniture and doors:

- 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 the product dry for 24 hours (+20°C);
  3. Apply a first coat of Marbled Mirror using a steel trowel;
  4. Let it dry for 12 hours (+20°C);

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# MarmoMetal®

5. Apply a second coat of Marbled Mirror over approximately 2 m<sup>2</sup>, then go back and smooth the surface until it is smooth and level using the stainless steel trowel;
6. Let it dry for 24 hours (+20°C);
7. Apply ArchiMetal to the blade of a stainless-steel trowel and lightly dab it over the surface in an abstract manner for 2 m<sup>2</sup>. Smooth the product slightly while it's still wet to create the desired texture; the more you press the product, the wider the texture will be.
8. Let the product dry for 24 hours (+20°C);
9. Using an electric polisher connected to a vacuum cleaner, attach the 1000-grit silicon carbide polishing disc and polish the entire surface.
10. Polish the surface again as before, but replace the silicon carbide polishing disc with a 3000-grit disc.
11. Apply a first coat of VetroLiquido PRP 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.
12. Let the product dry for 12 hours (+20°C);
13. Apply a second coat of VetroLiquido PRP as described for the first;
14. 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 evenly 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 described above;
  5. Let the product dry for 24 hours (+20°C);
  6. Apply a first coat of Marbled Mirror using a steel trowel;
  7. Let dry for 12 hours (+20°C);
  8. Apply a second coat of Marbled Mirror as described for the first coat;
  9. Let dry for 12 hours (+20°C);
  10. Apply a third coat of Marbled Mirror over approximately 2 m<sup>2</sup>, then go back and smooth the surface by tilting the stainless steel trowel until it is smooth and level;
  11. Let dry for 24 hours (+20°C);
  12. Apply ArchiMetal to the blade of the stainless-steel trowel and lightly dab the surface abstractly over 2 m<sup>2</sup>. Lightly smooth the product while still wet to create the desired texture; the more you press the product, the wider the texture will be;
  13. Let dry for 24 hours (+20°C);
  14. Using an electric polisher connected to a vacuum cleaner, attach the 1000-grit silicon carbide polishing disc and polish the entire surface;
  15. Polish the surface again as before, but replace the silicon carbide polishing disc with a 3000-grit disc;
  16. Apply a first coat of VetroLiquido PRP 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;
  17. Let the product dry for 12 hours (+20°C);
  18. Apply a second coat of VetroLiquido PRP as done with the first;
  19. Let the product dry for 48 hours (+20°C).

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.

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