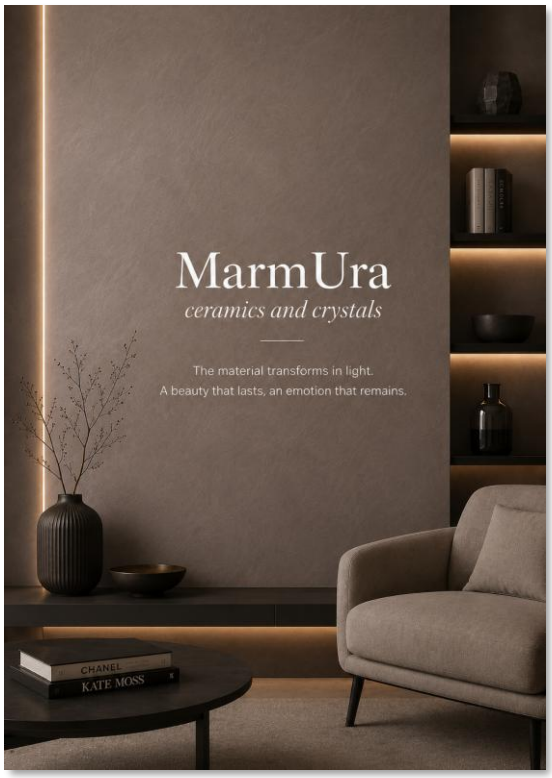
MARMURA

Issued on 09/14/2021 - Rev. No. 1 of 09/05/2023



ECO formula

INDOOR AIR QUALITY
A+
A+ A B C





EXCELLENT ADHESION ON EXISTING SUBSTRATES

WATERPROOF AND MOISTURE RESISTANT

HIGH MECHANICAL STRENGTH

MOLD, ALGAE AND BACTERIA RESISTANT

ECO-FRIENDLY LOW VOC CONTENT

NIKKOLOR ITALIA

www.nikkolor.net

MARMURA

DESCRIPTION
MarmUra is the perfect fusion of the solidity of ceramic and the brilliance of crystal, a decorative effect that embodies strength, durability, and uncompromising elegance.

Ideal for walls and floors, both interior and exterior, this covering gives spaces a bold and sophisticated character, thanks to its surface rich in luminous reflections and details sculpted into the material.

MarmUra expresses power and prestige, transforming any space into a masterpiece of contemporary design, capable of standing the test of time with an imposing and refined style.

APPLICATIONS
- ✓ MarmUra is a ready-to-use, single-component, ultra-thin ceramic paste with crystal microspheres, offering excellent performance in terms of yield, mechanical resistance, flexibility, and workability.
- ✓ Thanks to the absence of epoxy resins, MarmUra is completely free of yellowing and does not contain cements or other hygroscopic components that can impair performance upon direct and prolonged contact with water.
- ✓ With the MarmUra system, the pot-life problem found in epoxy resins is eliminated. Once the container is opened, any remaining product, if tightly closed, undiluted, and properly stored, can be reused for up to 24 months.
- ✓ MarmUra is resistant to mold, algae, and bacteria. In particular, it has an extraordinary ability to resist the spread of flames and the development of smoke. It is an environmentally sustainable and advanced product, contains no added *Formaldehyde or **APEO, and has a very low VOC content.
- ✓ MarmUra is composed of more Designed to meet the diverse needs of the market and make the system technically advanced, the finishes are aesthetically natural and can give a new look to residential, work, and commercial spaces. Non-invasive interventions are possible without demolition and reconstruction, with a thickness of less than 3 mm, using the complete system. MarmUra is classified A+ according to the French ministerial decree for indoor air quality.

MAIN FEATURES
- ✓ Realistic and natural look
- ✓ Seamless, seamless surface
- ✓ Highly resistant and durable
- ✓ Can be used on interior and exterior walls, furniture, and decorative panels

PREPARATION, COLORING, AND MIXING
- ✓ The MarmUra container contains 7 liters of product and 2.1 kg of Crystal.

1. Pour the MarmUra into a clean bucket and add approximately 5% drinking water. Mix thoroughly using a mechanical mixer.
2. Add the crystals in small doses and continue mixing for approximately 3 minutes.
3. The product is now ready for application.

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PREPARATION AND APPLICATION

✓ Substrates must be dry and free of dust, paint, wax, oil, and loose particles.

1. Apply a single coat of Primer Beton using a stainless-steel trowel, evenly and evenly over the entire surface to be treated.
2. Let the product dry for 24 hours (+20°C).
3. Apply a first coat of MarmUra using a stainless-steel trowel.
4. Let the product dry for 24 hours (+20°C).
5. Apply a second coat of MarmUra as described for the first coat.
6. Let the product dry for 24 hours (+20°C).
7. To achieve a soft-touch surface, sand the surface gently and without applying pressure using a random orbital sander with 180-grit sandpaper. Clean and thoroughly remove dust.
8. Apply three coats of Decor Finish Uniko using a short-pile roller. Wait 24 hours between coats. After the third and final coat, allow to dry for 72 hours (+20°C).

NOTE – HIGH-PERFORMANCE PROTECTIVE SYSTEM

For particularly demanding service conditions, such as **swimming pools, tanks, surfaces subject to prolonged contact with water, chlorine or salt water, high-traffic areas, or particularly aggressive environments**, **PRP Glass Protekt** is recommended as an alternative to **Decor Finish Uniko**, applied according to the instructions provided in the relevant Technical Data Sheet.

MAIN CHARACTERISTICS

✓ 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 still-damp surfaces and repairs.
✓ Do not apply in strong sunlight (outdoor application).
✓ Do not apply in strong winds (outdoor application).
✓ Do not apply in rain (outdoor application).
✓ Make sure the temperature does not drop below +10°C before application.
✓ Do not apply where rising damp or seepage has been detected.
✓ Measure the humidity level at a depth of 4 cm with a carbide hygrometer to ensure it is less than 3%.
✓ Consult the local weather forecast (outdoor application).
✓ Properly cover window frames, doors, etc. before application.

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TECHNICAL DATA

- ✓ Appearance: Paste
- ✓ Viscosity (UNI EN ISO 3219): ~ 130,000 mPa*s
- ✓ Specific Weight (UNI EN ISO 2811-1): ~1.5 kg/L ±3%
- ✓ pH: > 9.00
- ✓ Color: White
- ✓ Colors obtainable with toner: 16 shades
- ✓ Dilution: 5/7% drinking water (Max 500 ml of drinking water for both coats)
- ✓ Coverage: 20 m^2 with two coats
- ✓ Use temperature: +10°C and +30°C
- ✓ Touch dry: 3 hours at +20°C
- ✓ Dry to walk on: 48 hours at +20°C
- ✓ Full hardening: ~7 days at +20°C
- ✓ Furniture overlay on the dry layer of PRP Glass Protekt: ~10 days at +20°C
- ✓ Full curing: 28 days at +20°C
- ✓ Thermal resistance after curing: –20°C ÷ +50°C
- ✓ Water and UV resistance after application of PRP Glass Protekt: ~10 days
- ✓ Packaging: 7 L and 2.5 L
- ✓ Storage: 24 months in unopened packaging, protected from UV rays and humidity
- ✓ Grain size - UNI 1062-1: < 100 microns - Fine
- ✓ Washing resistance - NIK 01/17: > 30,000 washing cycles
- ✓ Alkali resistance - NIK 02/17: No surface defects
- ✓ Water absorption - UNI 1062-3: W < 0.1 kg/(m2 x H0.5)
- ✓ Expected coverage - Prd. DTN 10/E02: ~0.50 - 1.00 kg/m2
- ✓ UNI 8681 classification: Decorative filler, for finishing coats, in water dispersion, single-component, physically drying, matt, for masonry substrates, based on acrylic binders E4.C.0.A.2.A3.FA
- ✓ Classification by end use (UNI EN 1062.1 – 4.1): Decoration and Protection
- ✓ Classification by type of binder (UNI EN 1062.1-4.2): Acrylic Nanoresin
- ✓ Classification by state (UNI EN 1062.1-4.3): Water dispersion
- ✓ VOC classification: Complies with Legislative Decree No. 161 of March 27, 2006 (Implementation of Directive 2004/42/EC)
- ✓ Safety information: Please refer to the latest Safety Data Sheet (SDS) for hazard classification, precautions for use, and personal protective equipment (PPE).

WARNINGS

- ✓ Product for professional use; comply with national standards and regulations.
- ✓ Apply to permanently dry surfaces.
- ✓ Protect from direct sunlight and drafts for the first 6 hours.
- ✓ Do not apply to dirty or loose surfaces.
- ✓ Dispose of in accordance with applicable regulations.
- ✓ Materials exposed to temperature changes (due to transportation, storage, construction site, etc.) may cause substantial changes to the product (e.g., crystallization, partial hardening, fluidification, accelerated or delayed curing).

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- ✓ In most cases, restoring the products to optimal conditions will also restore their original characteristics.
- ✓ Protect surfaces and objects in the application area from accidental contact.
- ✓ If necessary, request the safety data sheet or contact Nikkolor Italia Technical Customer Service at +39 333 861 8963 - www.nikkolor.net

MARMURA PERFORMANCE
- ✓ Compressive strength (UNI EN 13892-2): **21 N/mm^2 after 7 days**
- ✓ Flexural strength (UNI EN 13892-2): **9.03 N/mm^2 after 7 days**

PERFORMANCE OF THE COMPLETE SYSTEM TESTED*
- ✓ Impact resistance (UNI EN ISO 6272-1): **4.63 Nm**
- ✓ Permeability to liquid water (UNI EN 1062-3): **w = 0.0001 kg/(m^2 h$^{0\ 5}$)**

*** System tested: PRIMER BETON + MARMURA + DECOR FINISH.**

The values for compressive strength, flexural strength, impact resistance, and liquid water permeability were determined through internal tests conducted at the Nikkolor Italia Research & Development laboratory, according to the test methods of the relevant UNI EN standards.

Data measured at +20°C, 65% RH, and no ventilation. They may vary depending on specific construction site conditions: temperature, ventilation, and substrate absorbency.

This information may be supplemented and/or modified over time by Nikkolor Italia s.r.l.; for any such updates, please consult the website www.nikkolor.net.

Nikkolor Italia s.r.l. is therefore responsible for the validity, timeliness, and up-to-dateness of its information only if taken directly from its website. The technical data sheet is prepared based on our best technical and application knowledge.

However, since we cannot directly influence construction site conditions and the execution of the work, these guidelines are general in nature and do not bind our company in any way. We therefore recommend a preliminary test to verify the product's suitability for the intended use.

RULES AND TIPS
Let's start by saying that the success of a floor depends largely on the substrate, the correct application method, and the mixing and installation phases. However, proper cleaning and proper maintenance of the floor is the responsibility of those who live with seamless surfaces. The more it is cared for, the longer the floor will last.

Advantages of MarmUra flooring
The floor is available in a wide variety of colors and textures, can be matte or satin, smooth or rough, and is highly resistant to wear, trampling, and impacts. Furthermore, it holds up well in humid environments, has good fireproof properties, thus preventing the spread of flames, is highly resistant to chemicals, the surface is hygienic because it has no joints, and, finally, is easy to clean and maintain.

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Disadvantages of MarmUra flooring
The floor is very durable, but not as durable as a ceramic or stoneware floor. It can be repaired rather than replaced entirely if the damage affects a very small portion of the surface, and this is also a good thing, but in any case, it must be applied by qualified professionals. It is not suitable for DIY.

Using the MarmUra Floor
In the first week after applying the complete cycle, it is very important not to clean the floor under any circumstances. Do not spill any liquid on the floor that could alter the color, lighten, or even bleach it. Therefore, avoid walking on the floor at all costs, as it has not yet reached its maximum hardness and chemical resistance.

Cleaning the MarmUra Floor
Start cleaning the floor by removing dust and dirt using a soft-bristled broom or a vacuum cleaner, gently sweeping the surface. Be sure to cover the entire floor, including hard-to-reach areas such as corners. Mopping the floor without sweeping away dust and dirt can damage the surface layer over time, leaving it looking dirty even after thoroughly mopping.

Helpful tips for cleaning MarmUra floors
Prepare a solution of warm water and neutral soap following the manufacturer's instructions. Using a microfiber cloth, thoroughly clean the entire surface. Be sure not to overuse the detergent, as too much could leave residue on the floor. Neutral products are the best choice for interiors and home environments; they're simple, economical, and extremely effective.

Helpful tips for treating MarmUra floors
- ✓ Use a doormat outside the door
- ✓ Use non-absorbent mats under the sink and washbasin
- ✓ Use cotton or natural fiber mats; those made of rubber or synthetic fibers may release oily substances and stain the surface
- ✓ Place shock-absorbent felt pads under the legs of chairs, tables, desks, and furniture
- ✓ Use silicone rubber wheels for office chairs
- ✓ Immediately clean up any liquids spilled on the floor; if left to settle, they could damage the floor's surface protection
- ✓ Be extremely careful not to spill anything on the surface, such as oils, perfumes, creams, greases, stucco, mortar, and paints, which could irreparably damage the floor
- ✓ Do not leave damp cloths on the floor
- ✓ Do not use abrasive or aggressive products such as wire brushes, sandpaper, hydrochloric acid, acetone, or ammonia, as their corrosive properties could damage the floor
- ✓ Take extreme care when cleaning Install furniture (in any case, it is recommended to let the surface fully cure) and avoid placing objects on the flooring. Improperly curing the floor will cause unsightly stains to appear, even after several days.
- ✓ Do not drag any objects across the flooring.
- ✓ Walk on the surface only with clean shoes.
- ✓ Avoid standing water and direct contact with humidity.
- ✓ Knowledge of the substrates and their suitability for proper installation and product use is the responsibility of the person performing the work.
- ✓ Proper treatment, maintenance, and cleaning of surfaces is the customer's responsibility.

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However, since we cannot intervene directly, the company assumes no responsibility for the conditions of the construction sites, the execution of the work, or the proper treatment, maintenance, and post-installation cleaning of the floors, as these are beyond our control. For any information, please contact our technical support team.





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