

Wall
& Floor

ResinaArredo EVO

DECORATIVE FINISH FOR INTERNAL SURFACES AND FURNISHINGS. SUITABLE FOR OVERLAYING AND UNDERFLOOR HEATING. FOR INTERIORS. PRODUCT WITH VERY LOW VOLATILE ORGANIC COMPOUND EMISSION RATE. SURFACE PROTECTION AGAINST THE SPREAD OF BACTERIA.



DESCRIPTION

Two-component water-based polyurethane decorative finish for internal surfaces and furnishings. Super-opaque, it renews and redesigns spaces with saturated and vibrant colours, available in a Glossy and Satin version. Allows colour consistency for unique and minimalist interiors.

ADVANTAGES / FEATURES

- Product with very low volatile organic compound (VOC) emission rate, compliant with class A+ (Émission dans l'air intérieur – French Regulations)
- Its high adhesive power makes it suitable for a host of materials (ceramic, cement, plaster, wood, aluminium, iron, PVC, MDF); preliminary adhesion promoters are not necessary
- Product with excellent fluidity and easy to spread
- Excellent adhesion on absorbent and non-absorbent substrates
- Product exempt from restrictions for road, sea, air and rail transport
- Water-based product
- Simple and fast mixing; mechanical or electrical equipment is not required
- Excellent resistance to intermittent contact with water and humidity
- Applicable by roller, brush, or airless
- Protects surfaces, making them non-absorbent, hygienic, and safe
- Characterised by excellent resistance to wear, scratches, stains, and UV rays
- High opaque effect
- Compliant with HACCP protocol for decoration of food-grade environments
- Suitable for contact with foodstuffs
- Allows dense, deep, soft-to-the-touch monochromatic backgrounds to cover any surface of the home
- Transforms old and obsolete ceramic floor or wall coverings, and old wall paints into modern and hygienic resin coverings, avoiding otherwise invasive removals
- Enhances Spaziocontinuo® decorative systems, becoming complementary
- Available in the two Glossy and Satin versions depending on the level of light reflection
- Available in the 27 nuances designed by Rinaldo Rinaldi for the Spaziocontinuo® palette, and on request in any colour of the international NCS and RAL colour charts
- Surface protection to avoid the spread of bacteria, able to eliminate 99.9% of bacteria after 24 hours as per standard ISO 22196, and 99.7% of viral loads after 6 hours of contact as per standard ISO 21702

FIELDS OF APPLICATION

ResinaArredo EVO is the ideal solution to ensure the health of the surface on which it is applied

Antimicrobial test

Thanks to the support and certification of the University of Modena and Reggio Emilia, and with the collaboration of the third-party accredited laboratory ACCREDIA, it has been demonstrated that the surface obtained with ResinaArredo EVO is protected against bacterial loads (tests carried out according to standard ISO 22196 on Escherichia Coli, with a reduction of up to 99.9% after 24h of contact).

A copy of the certificate with the antimicrobial test results can be requested from the Litokol technical department.

Antiviral test

Thanks to the study conducted in collaboration with the Department of Pharmacy and Biotechnology of the University of Bologna, in the Microbiology laboratory – Sant'Orsola Hospital, Litokol found that the surface obtained with the ResinaArredo EVO is protected against viral attacks (elimination of up to 99.97% of SARS CoV-2 viral load, the virus responsible for COVID-19) after just 6 hours of contact and does not maintain an environment hospitable to the virus. Product unique to its kind in the current market.

PACKAGING

1.0 kg bottle part A + 0.2 kg bottle part B

INTENDED USE

Intended uses

Interiors
Floors and walls
Underfloor heating
Overlaying on existing floors and coverings in ceramic, porcelain stoneware, mosaics, agglomerates, natural stones
Residential, public, commercial building
Indoor wet areas (bathrooms, shower enclosures)
Covering of furniture and structures in wood, metal or plastic
Decoration for furnishings: skirting boards, doors and windows, door and window frames, shelves, wall plates, radiators and a host of other materials

Suitable substrates

Existing floors and coverings in ceramic, porcelain stoneware, mosaics, agglomerates, natural stones and wood
Self-levellers
Skim coats
Cement plasters with fine mortar finish
Wood, MDF, PVC
Underfloor heating systems
Smoothed concrete
Metal, aluminium
Gypsum with finishing smoothers
Fibreglass
Gypsum-based plasters or smoothers
Washable paints (temperas need to be removed)
Rasante Parete EVO

PREPARATION OF SUBSTRATES

The substrates must be clean, solid, compact, crack-free, properly cured and without rising damp.

- Floors and coverings in ceramic, porcelain stoneware, mosaic, agglomerates and natural stone must be suitably sanded or degreased with specific detergents such as Litoscrub EVO
- Cementitious self-levelling layers and smoothed concrete must be sanded with 40-60 grit mesh to open the surface pores and improve adhesion.
- Cement plasters with fine mortar finish or gypsum-based finishing smoothers: in these cases, simply dilute the first coat of ResinaArredo EVO at 10-15% so that it consolidates the substrate.
- For very powdery substrates, it is advisable to apply one coat of Fissativo EVO insofar as an insulating primer, using a brush or roller

Wait for the product to completely dry (about 3-5 hours at T=+23°C) before moving on to the next steps.

- Water paints or temperas: In case of a washable water paint firmly adhered to the substrate, ResinaArredo EVO can be applied directly on top.

The tempera on the other hand must be mechanically removed by first wetting the substrate, then stripping the paint using a smooth steel trowel.

Once the surface has dried, ResinaArredo Evo can be applied, diluting the first coat with 10-15% water.

- Furnishings (skirting boards, fixtures, door and window frames, shelves, wall plates, radiators and more): the surface needs to be thoroughly cleaned, it is advisable to roughen with a sander with 80-120 grit mesh to open the surface pores or eliminate any existing layers of paint or varnish.
 - Rasante Parete EVO can be sanded to obtain a perfectly smooth surface or left as is to give ResinaArredo texture
- In any case, before applying ResinaArredo EVO, any dust and residue left behind by previous processes must be thoroughly vacuumed.

In any case, the respective technical data sheets must be consulted for correct use of the indicated products.

MIX RATIO

Component A 83.3 parts by weight – Component B 16.7 parts by weight.

The two components are pre-batched in their respective packaging.

PREPARING THE MIX

Pour all of component B into the bottle of component A, close with the under-cap and screw cap and shake vigorously until completely homogenised.

For small surfaces, the components can be partially mixed to avoid unnecessary waste.

In these cases it is advisable to use a precision scale and to mix the components in accordance with the mixing ratio. In case of absorbent substrates not previously treated with Fissativo Universale EVO, it is advisable to add maximum 10-15% water in the first layer.

In ambient conditions nearing the application limits (very warm or very cold climates), a maximum of 5% water can be added to the product during mixing to facilitate its spreading.

APPLICATION

Pour the previously mixed product into a clean container.

We recommend use of the Bucket for finishes (art. 240S0001) complete with grid and any spare parts (art. 240S0RIC) designed specifically for Spaziocontinuo® finishes.

On smooth and non-absorbent surfaces, apply two or three layers of ResinaArredo EVO Glossy or Satin finish at least

3-4 hours apart using the "Flocked Roller" (art. 255R0001 or art. 256R0001) or Roller for Finishes (art. 255R0001). The Flocked Roller art.255R0001 is 25cm long and is recommended for smooth, non-absorbent, or not very absorbent surfaces; its rounded form facilitates application, minimising defects. The Small Flocked Roller art. 256R0001 on the other hand is specifically for walls, and thanks to its soft and convex end, allows application on corners and edges without needing to use a brush. The Roller for Base Coats art. 250R0001 has a 9mm Nylon/microfibre pile making it perfect for decorating absorbent and "rough" surfaces, such as plasters. The Flocked Roller is less suited to these surfaces. ResinaArredo EVO acquires maximum chemical-physical performance 4-5 days after application of the second coat. In case of application on floors and wet areas, in order to ensure greater resistance to wear and humidity, a coat of Hydrolux EVO must be applied 3-4 hours after the last coat of ResinaArredo EVO. The final layer of Hydrolux EVO acquires maximum chemical-physical performance 4-5 days after its application.

FOCUS

SpaziInfinito Effect

The application of ResinaArredo EVO on a substrate evened out with Rasante Parete EVO gives rise to a genuine decorative system characterised by uniform colouring with no evidence of trowelling or chiaroscuro shading: SpaziInfinito Effect.

The fullness and deepness of its colours make this system suitable for any environment.

Any surface evened out with Rasante Parete EVO can therefore be decorated with ResinaArredo EVO.

To obtain the SpaziInfinito effect starting from an existing ceramic covering, it will be necessary to apply two coats of Rasante Ceramica EVO and a third coat of Rasante Parete EVO.

Moreover, to make sure the joints of the existing covering completely disappear, the 2x2 Reinforcing mesh must be embedded in the first coat, overlapped by at least 2 cm.

With Rasante Parete EVO it is possible to obtain more or less level surfaces, or else slightly wavy/trowelled surfaces depending on the desired final effect.

In this case, in fact, the textured feel of the system is created by the substrate levellers, which transmit the texture to ResinaArredo EVO, thus creating the SpaziInfinito effect.

WARNINGS

- Since the product is based on synthetic resins in aqueous dispersion, it must be protected against frost. When packages are transferred and stored in a warehouse, the temperature must not fall below +5°C so as not to compromise the quality of the product
- Avoid storing the product in cans/buckets under direct sunlight or in very warm environments
- In warm climates, keep the packaged product in a cool and dry place away from the sun before use
- Respect the mix ratio
- Do not mix the product with solvents
- Do not add lime, cement or other foreign materials to the product
- Do not mix partial quantities of the components without using a scale; different mix ratios will compromise the proper setting of the product
- Spread the product at temperatures between +5°C and +30°C inclusive
- Use perfectly clean containers and tools
- Application of the product in environments with relative humidity greater than 80% is not recommended
- If the ambient temperature needs to be increased, use only electric heaters and not fired heaters (which may cause the emergence of surface defects)
- The temperature of the substrate must be at least 3°C higher than the dew point
- Do not use the product on damp substrates or substrates with rising damp phenomena
- Do not use on dirty or inconsistent surfaces
- Any tempera-based finishes on the substrate must be mechanically removed by first wetting the substrate, then stripping the paint using a smooth steel trowel
- Do not use on surfaces that are not fully cured and on substrates that have not been properly prepared
- Spread the product evenly to avoid creating build-ups in the overlapping areas, which become more evident once dry
- In wet areas or floors due to direct contact with water, 1 final coat of Hydrolux EVO must be applied
- Do not use after 90 days since mixing
- After application and until the topcoat has completely set, avoid surface contamination due to dust deposits
- Non aprire al traffico la pavimentazione prima del completo indurimento della vernice protettiva (almeno 24 ore)
- Proteggere il prodotto dall'acqua per almeno 24 ore dalla posa
- Nel caso si utilizzi del nastro carta o carta gommata per delimitare delle aree o proteggere delle superfici è necessario rimuoverlo a prodotto fresco
- Non utilizzare il prodotto per applicazioni non segnalate su questa scheda tecnica
- In casi dubbi consultare l'Ufficio di assistenza tecnica Litokol S.p.A.

SAFETY INFORMATION

Consult the product safety data sheet, available on request.
PRODUCT FOR PROFESSIONAL USE

IDENTIFICATION DATA

Appearance	Component A: coloured liquid
Appearance	Component B: colourless clear liquid
Customs code	32099000
Shelf life	12 months in original packaging in a dry place.

APPLICATION DATA

Mix ratio	Component A: 83.3 parts by weight
Mix ratio	Component B: 16.7 parts by weight
Specific gravity of mix	1,10 kg/dm ³
Pot life	Approx. 90 minutes
Application	Flocked Roller art. 255R0001 - Small Flocked Roller art. 256R0001 - Roller for Base Coats art. 250R0001
Application temperatures	From +5°C to +30°C
Permissible relative ambient humidity	< 80%
Waiting time between coats	3-4 hours
Waiting time for overlying	3-4 hours
Ready for use	4-5 days
Temperature of use	From -5°C to +80°C
How to clean equipment	With water when product is fresh. Mechanically when product has set.
Consumption	0.18 kg/m ² in two coats

PERFORMANCE

Compliance	UNI EN 13813 - EN 15824	SR
Resistance to abrasion/wear	AR 1	UNI EN 13892-4
Resistance to impact	IR 15	UNI EN ISO 6272-1
Adhesion to substrate	B>2.0	UNI EN 13892/8
Adhesion to substrate	1.5 MPa ≥ 0.3 MPa	EN 1542
Determination of dirt pick-up	Very low, ΔL < 3	UNI 10792
Resistance to UV rays	Excellent	ISO 11341
Contact with foodstuffs	Suitable	Cod. 20/000278197
Static punching	PS2	UNI 8298-3
Resistance to water	Excellent (> 72 hours)	UNI EN ISO 2812-3
Resistance to temperature fluctuations	Excellent	
Resistance to ageing	Excellent	

CHEMICAL RESISTANCE TABLE

The table provides a summary of the chemical resistance tests performed according to Regulation UNI EN ISO 2812-4

Group	Name	Conc. %	24 hours
Acids	Acetic acid	5	●
	Sulphuric acid	50	●
Alkalis	Ammonia	25	●
	Caustic soda	10	●
		50	●
	Sodium hypochlorite	5	●
Oils and fuels	Olive oil	pure	●
	Lubricant oil	pure	●
	Diesel	pure	●
Solvents	Ethyl alcohol	pure	●
	Hydrogen peroxide	25	●
Staining agents	Ketchup		●
	Vinegar		●
	Wine		●
	Coffee		●
	Coca Cola		●
	Tins		●
	Hair dye		●
	Permanent marker		●
Household detergents		●	

KEY



RESISTANT



RESISTANT WITH POSSIBLE COLOUR VARIATIONS

NON-RESISTANT

COLOUR CHART



NOTES

Data detection at temperature +23 °C, R.H. 50% and with no wind. May vary depending on the specific conditions of the installation site.

The different textures of the Spaziocontinuo® surfaces have different colours, saturation and brightness. For each project, use materials from a single production batch.

Materials from different batches may assume slightly different colours.

The texture of Spaziocontinuo® is characterised by material discontinuity and natural irregularity, achieved through the skilful artisan work of the installer, thus making the surfaces unique.

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The information and provisions contained in this technical data sheet reflect our best experience. Given the impossibility of directly intervening on the conditions of the work site and execution of the works, they represent indications of a general nature, which are in no way binding on our Company. It is therefore recommended to perform a spot test in order to check the suitability of the product for the intended use. In any case, those who intend to use the product must establish whether or not it is suitable for the intended use, and in any case assume all liability for any consequences resulting from such use.

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