

# Atriafloor Resina One

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## Technical Data

Sheet Revision: 18 of: 27/10/2025 Decorative resin with a true cement effect.

## Product Description

Atriafloor Resina One It is a high-performance two-component decorative cementitious system, composed of a base solid in selected powders and one liquid base based on synthetic polymers in aqueous dispersion, formulated for the creation of seamless surfaces with a modern, elegant, and textured aesthetic.

Its formulation uses the special Neutral True Cement blend, which guarantees resistance, adhesion, and aesthetic stability. Designed for application on floors and walls in low-traffic residential and commercial environments, Atriafloor Resin One It allows the renovation of new or existing surfaces, offering excellent filling power, high adhesion and excellent workability.

After drying, the hardened film is hard-elastic, closed-pore, wear-resistant and easily sandable, both dry and wet, manually or mechanically. The combination of liquid and solid components allows for a homogeneous mixture with consistent performance and safe application even in poorly ventilated environments, helping to reduce environmental impact.

Certifications and sustainability Atriafloor Resina One is ReMade in Italy certified No. 1271/001 from Bureau Veritas Italia, compliant with criterion 2.4.1.2 "Recovered or recycled material" of the CAM Edilizia (Ministerial Decree 11 October 2017, Official Journal General Series no. 259 of 6/11/2017).

The certification attests to the recycled material content according to the mass balance method, contributing to the realization of projects in line with sustainable construction criteria.

## Features and Performance

Two-component system: composed of a liquid polymer base and a solid cement base, for a structured and professional performance. Aesthetic spatula finish: material and compact effect for contemporary or industrial environments. High mechanical resistance, even at low thicknesses. Ease of application and excellent workability in all phases of the decorative cycle.

Hard-elastic and closed-pore: limits absorption and simplifies cleaning and ordinary maintenance. Easily sandable dry or wet, for finishing or maintenance work. Eco-friendly formulation water-based, suitable for even poorly ventilated internal environments.

## Fields of Application

Atriafloor Resina One It is specifically designed for the decorative and structural coating of internal surfaces on cement, concrete, and tiled surfaces, even with joints. It is ideal for renovating or consolidating existing surfaces and for interior design projects with a bold, contemporary character.

Thanks to its high adhesion, even on difficult substrates, and with a compact spatula finish, Atriafloor Resina One is particularly suitable for: Modern homes, industrial-style residential spaces and urban environments Floors and walls of lofts, open spaces and minimalist-style environments Pre-existing ceramic, stoneware or tile surfaces, with or without joints, even in the presence of surface irregularities Atriafloor Resina One

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Sheet Revision: 18 of: 27/10/2025 Domestic rooms with medium-low traffic such as bedrooms, entrances, corridors, living rooms and studies Exhibition areas, showrooms or occasionally used environments (e.g. garages, sheds, exhibition warehouses) Restyling and aesthetic renovation interventions of surfaces in internal environments, where it is required good resistance mechanics combined with a uniform and material aesthetic effect The balance between decorative function And technical performance, combined with his two-component formulation, makes Atriafloor

Resina One an ideal solution for modern low-thickness coverings, compatible with the complete Atriafloor cycle.

## Technical Features

Appearance Liquid base (polyacrylic resin, aggregates and additives) Solid base (calibrated True Cement mix) According to True Cement colour chart Colour in can On request RAL, NCS (with limitations to mineral colours only – oxides) Density Kg/Lt 1,810 ± 0,05 Supply viscosity 25°C Thixotropic Volumetric dry residue 75 ± 2% Theoretical coverage 1 Kg/m<sup>2</sup> for 2 coats in relation to the surface conditions Typical thickness micron 0.6 – 0.8 mm in 2 coats Mixing ratio Base (liquid) / Hardener (solid) 70 / 30 in weight 1 kg pack 5 kg pack 20 kg pack Liquid Base Kg 0.640 Liquid Base Kg 3.200 Liquid Base Kg 12.800 Colour Mix Kg 0.060 Colour Mix Kg 0.300 Colour Mix Kg 1.200 Solid Base Kg 0.300 Solid Base Kg 1.500 Solid Base Kg 6 Pot Life 2 - 3 hours at 25°C Dilution With water maximum 2% if necessary Application method Steel spatula Drying 25°C Walkability 4 - 5 hours (for the application of subsequent coats) Hardening time 12 - 18 hours Overcoating Minimum/Maximum 5 hours / 7 days Final performance and complete polymerization 5 – 7 days Adhesion on concrete After 7 days, MPA > 2 - 2.2 (UNI 8298 - 1) Flexural strength After 28 days, MPA 3.5 ± 2 (EN 1015 - 11) Compressive strength After 28 days, MPA 32 ± 2 (EN 1015 - 11) Operating temperature -10 °C / +120°C

## Storage

stability 12 months Standard packaging Kg 1 - Kg 5 - Kg 20 Atriafloor Resina One

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## Application Method

Before proceeding with the application of Atriafloor Resina One, ensure all surfaces are perfectly clean, dry, and free of dust, oil, grease, and other contaminants. For new surfaces, it is essential to respect the curing times specified for the type of substrate. Substrate preparation and priming The surfaces must be treated with suitable primers, depending on the nature of the material:

- Concrete or marble supports Apply a coat of Atriafloor Consolidating high penetration to even out absorption and consolidate the base . Ceramic, stoneware or tile supports Apply a coat of Atriafloor Primer to improve adhesion on smooth, non-absorbent surfaces. Shaving the support
- On smooth or concrete surfaces: Apply 2 coats of Atriafloor Rasante One to regularize and make the support uniform, with an overall average consumption of approximately 2 kg/m<sup>2</sup>.
- On surfaces with joints (ceramic, stoneware): It is essential to seal the joints perfectly with Atriafloor Rasante One in 2 hands, maintaining the same average consumption. This step ensures a continuous and compact base for subsequent decoration. Recommended application of Atriafloor Resina One 1st hand Apply Atriafloor Resina One with stainless steel trowel, distributing the product evenly and spatulating to obtain a uniform surface. Average consumption: about 500–600 g/m<sup>2</sup> Leave to dry for approximately 2–3 hours, depending on environmental conditions. 2nd coat (decorative finish) Always apply the second coat with stainless steel or plastic spatula, using a cross-brush (right/left movements) to obtain a uniform aesthetic effect . light colors, it is recommended to use plastic spatula to avoid metallic streaks.

## Protection and finishing

Application optimization To enhance the aesthetic effect and performance of the cycle New Atriapol (glossy or matte), it is recommended to apply Atriafloor Filler as a leveling and protective layer. For detailed instructions for use, please refer to the product data sheet. Atriafloor Resina One

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Sheet Revision: 18 of: 27/10/2025 Floors subject to foot traffic, humid environments or shower cubicles Apply two coats of New Atriapol Antibacterial, two-component transparent polyurethane finish high resistance chemical-mechanical, with properties antibacterial, water-repellent and waterproof, ideal for ensuring maximum durability and protection of the support.

Internal vertical surfaces Apply two coats of New Atriapol Antibacterial to complete the decorative cycle, obtaining a film transparent, homogeneous and easily washable, which preserves the aesthetic appearance of the covering over time. Routine maintenance To maintain the appearance and protection of the floor over time, we recommend applying Atriafloor Wax, spreading it with a sponge, soft cloth, or wax spreader.

Reapply periodically to restore the surface's shine and uniformity.

## Tips and Notes

### ■ Environmental conditions of application

- Apply the product exclusively in favorable environmental conditions To ensure uniform drying and proper curing of the application system. Substrate and ambient temperature: +8°C / +35°C Relative humidity: ≤ 85%
- Avoid application: – On hot surfaces or exposed to direct sunlight – In case of strong wind, imminent rain or high environmental humidity – On unseasoned surfaces or with rising damp or residual Drying and maturation of the system
- Under standard conditions (20°C – 65% RH), wait 2–3 hours between one hand and the other.
- In cold or poorly ventilated environments, extend drying times: water, as a volatile component, evaporates more slowly and can compromise the hardness and final resistance of the system.
- The maximum hardness and resistance it is reached after approximately 5–7 days from the complete application of the cycle. Application recommendations
- Apply only on clean, dry surfaces, free from dust, oils, greases or compounds non-stick.
- It is essential that the support is seasoned And mechanically sound.
- Connect and seal any joints or critical points to avoid infiltrations, especially in environments subject to humidity or contact with water (e.g. bathrooms, kitchens, shower cubicles). ■ Surface protection
- Protect surfaces for at least 24–48 hours after finishing to avoid impacts, dust or water splashes.
- Do not expose to traffic or direct use until the film is fully cured. Guaranteed cycle
- The technical performance of strength, hardness and adhesion I am guaranteed only if Atriafloor Resina One is used within the complete Atriafloor cycle, which includes: – Suitable primer (Atriafloor Consolidante or Primer) – Rasante One – Atriafloor Resina One as a decorative finish Atriafloor Resina One

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- Partial use of the system or the isolated product does not guarantee the same performance.

## Product storage

- Store in original containers tightly closed, in a cool, dry environment, sheltered from direct light and heat sources.
- Ideal storage temperature: +5°C / +35°C
- In case of low temperatures, bring the product back to 20–25°C before use to optimize workability. Summary table of consumption with the Atriafloor cycle Atriafloor Primer 120 gr/m2 Second degree of absorption of the (non-absorbent surfaces) support Atriafloor Consolidating 120 gr/m2 Second degree of absorption of the the (absorbent surfaces) support msu n Atriafloor Rasante One 2 Kg/m2 In 2 coats, depending on the degree of with the surface irregularities. and go Atriafloor Resina One 1 Kg/m2 In 2 coats you Decoration ogals pei Atriafloor Filler 120 - 150 gr/m2 One coat ra lle ba New Atriapol Antibacterial 180 - 200 gr/m2 In 2 coats T Atriafloor Wax 30 g/m2 At the end of the cycle and as needed, as maintenance.

(\*) This information is considered indicative only. The company reserves the right to change it without notice. It is the users' responsibility to verify suitability for their specific use.