

Atriafloor Rasante One

Technical Data

Sheet Revision: 13 of: 23/04/2025 True Cement two-component cementitious filler and regularizing internal surfaces.

Product Description

Atriafloor Rasante One is a system two-component high-performance filler cementitious, composed of a base solid in selected powders with controlled granulometry and a liquid base based on synthetic polymers in aqueous dispersion. Designed as an integral part of the Atriafloor decorative cycle, it is formulated for level, make uniform and consolidate new or existing interior surfaces, even in the presence of leaks or micro-cracks.

Thanks to the special blend True Cement, Atriafloor Rasante One guarantees a uniform pose, avoids volumetric shrinkage and stands out for its excellent workability. It is the ideal solution for preparing the base on grouted tiles, surfaces in cement, concrete or marble before applying Atriafloor decorative finishes.

It can be applied in two coats to create a seamless, compact surface, ready for subsequent aesthetic treatments. Once hardened, the product forms a durable coating, hard-elastic, closed-pore, sandable both dry and wet, and equipped with good mechanical resistance even at low thicknesses. Certifications and sustainability Atriafloor Rasante One is certified ReMade in Italy (No. 1271/001), issued by 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 presence of recycled material according to the mass balance method, contributing to sustainable projects in the public and private construction sectors.

Features and Performance

Two-component system: composed of a liquid polymer base and a solid cement base to guarantee professional performance and compatibility with Atriafloor decorative cycles. Filling and regulating function: ideal for leveling irregular surfaces, tiles with joints, cracks and micro-cracks, avoiding preventive grouting.

True Cement Mix: avoids volumetric shrinkage, ensures surface homogeneity and stability over time. Versatile application: Suitable for internal floors made of concrete, cement, tiles, marble and mixed surfaces. Hard-elastic and sandable: once hardened, it forms a compact and resistant film, workable dry or wet, manually or mechanically.

Compatibility with the Atriafloor cycle: prepare the substrate to receive finishes such as Atriafloor Resina One, SuperTitanium or other decorative resins from the line. Water-based formulation: solvent-free, low environmental impact, ideal even in poorly ventilated indoor environments. Easy to apply: excellent spreadability and flow, allows for precise and imperfection-free working.

Fields of Application

Atriafloor Rasante One It is formulated for smoothing and leveling interior and exterior surfaces, even those with obvious irregularities such as joints, cracks, or micro-cracks. It is the ideal solution for ensuring a uniform, compact, and level-free base before applying the system's decorative coatings.

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Sheet Revision: 13 of: 23/04/2025 It is particularly suitable for: Concrete, cement and screed surfaces, even slightly uneven, to be smoothed out before decorating. Tiled floors and coverings, with or without joints, eliminating the need for preventive grouting. Interior walls and ceilings, in residential or commercial environments, to obtain a continuous surface ready for decoration.

Areas subject to micro-cracks or crazing: in these cases it is possible to arm the product with plaster-bearing mesh in 160 g/m² fiberglass – 4x4 mm mesh, to increase stability and prevent detachments. New or already consolidated

surfaces which require aesthetic uniformity before receiving spatula-applied resins or closed-pore finishes.

Atriafloor Rasante One It represents the technical foundation for the perfect aesthetic and functional success of the Atriafloor cycles, guaranteeing the flatness and adhesion necessary for long-lasting and professional performance.

Technical Features

Appearance Liquid base (terpolyacrylic resin, aggregates and additives) Solid base (calibrated True Cement mix)
Colour in can Cream White Density Kg/Lt $1,810 \pm 0,05$ Supply viscosity 25°C Thixotropic Volumetric dry residue $75 \pm 2\%$ Theoretical coverage 2 Kg/m² for 2 coats in relation to the surface conditions Typical thickness micron 1,5 - 1,8 mm in 2 coats Mixing ratio Base/Hardener 66 / 34 in weight Pot Life 2 - 3 hours at 25°C Dilution Water, in cold periods add max 2 - 5 % Application method Steel spatula Drying 25°C Walkability 4 - 5 hours (for the application of subsequent coats) Hardening time Dry to touch 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 - 2.5 (UNI 8298 - 1) Flexural strength After 28 days, MPA 3.2 ± 2 (EN 1015 - 11) Compressive strength After 28 days, MPA 42 ± 2 (EN 1015 - 11) Operating temperature -10 °C / +120°C

Storage

stability 12 months Standard packs 10 kg - 20 kg Atriafloor Rasante One

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Application Method

Before proceeding with the application of Atriafloor Rasante One it is essential to ensure that the surfaces are suitable, perfectly clean, dry, and free of contaminants (dust, oil, grease, release agents, etc.). For new substrates, always respect the curing times of the base material. Substrate preparation and priming The surface must be adequately treated with a specific primer, depending on the nature of the substrate:

- Absorbent supports in cement, concrete or marble: apply a coat of Atriafloor Consolidating high penetration to even out absorption.
- Smooth or non-absorbent surfaces such as ceramic, stoneware, tiles: to treat with a hand of Atriafloor Primer to ensure adhesion.

Application of Atriafloor

Rasante One After applying and drying the primer, apply 2 coats of Atriafloor Rasante One, according to the following indications:

- Average consumption: about 2 kg/m² total (two coats), depending on the irregularity of the support.
- In the presence of joints between tiles or differences in level, pay particular attention to the careful sealing to obtain a completely homogeneous and compact surface. Product preparation (two-component) 1. Pour the solid component (powder) in the pre-dosed liquid base. 2. Mix with a mechanical stirrer low revs (300–500 rpm) For 2–3 minutes, scraping the walls of the container to ensure complete homogenization. 3. Use the product immediately after mixing (respect the pot-life indicated in the technical data sheet). Recommended application Apply Atriafloor Rasante One with trowel or metal spatula, taking care to:
 - Spread the product evenly to eliminate unevenness and close micro-cracks.
 - Wait for complete drying between the two coats (at least 4–5 hours in standard environmental conditions). Once dry, the filler constitutes the ideal base for the application of decorative resins from the Atriafloor (e.g. Resin One, Titanium, Super titanium, etc.).

Tips and Notes

- Environmental conditions of application

- Apply the product only in favourable environmental conditions to ensure correct drying and performance of the system.
 - Temperature of the substrate and the environment: +8°C / +35°C
 - Relative humidity: ≤ 85% Atriafloor Rasante One

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- Avoid application:
 - On hot surfaces or those exposed to direct sunlight.
 - In case of strong wind, imminent rain or unstable weather conditions.
 - On damp or unseasoned surfaces, or in the presence of rising damp. Drying and maturation of the system
- Under standard conditions (20°C – 65% RH), let each coat dry for at least 4–5 hours before proceeding with the next one.
- In winter or in poorly ventilated environments, extend the times to allow the water to evaporate and promote correct hardening.
- The maximum hardness and mechanical resistance it is reached after approximately 5–7 days from the complete application of the cycle. Application recommendations
- Apply only on clean, dry, cohesive surfaces And free from contaminants (powders, oils, greases, waxes or silicones).
- It is essential that the support is seasoned, free from residual moisture And mechanically stable
- Carefully connect joints, gaps, and architectural details to prevent infiltration, especially in environments subject to humidity (e.g. bathrooms, kitchens, wet areas) . ■ Surface protection
- Protect treated surfaces for at least 24–48 hours After application, avoid pedestrian traffic, dust, splashes or mechanical impacts.
- Do not use or overpaint until the product is completely dry and stabilized. Guaranteed cycle
- Technical performance (adhesion, resistance, hardness) are guaranteed exclusively if Atriafloor Rasante One It is used within the complete Atriafloor cycle, which includes:
 - Specific primer (Atriafloor Primer or Consolidante)
 - Atriafloor Rasante One
 - Decorative resin from the Atriafloor line
 - Protective finish (e.g. New Atriapol Antibacterial)
- Using the product alone outside the cycle does not guarantee the same performance.

Product storage

- Keep in well-closed original containers, in cool, dry environment, sheltered from direct light and sources of heat.
- Recommended storage temperature: +5°C / +35°C
- In case of exposure to low temperatures, bring the product back to 20–25°C before use to improve workability.

(*) 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.