

Atriafloor Filler

Technical Data Sheet — Revision: 27/10/2025

Single-component sealing filler for floors of internal decorative systems (Atriafloor cycle).

Product Description

Atriafloor Filler It is a single-component, transparent sealant based on modified polyurethane resins in aqueous dispersion, designed for filling porous or open-structured surfaces. Its balanced formulation ensures deep and uniform penetration, improving surface cohesion and saturating the capillary voids between aggregates, without clogging the drainage structure.

Once dry, it forms a slightly satin-finish protective film that limits the absorption of dust and liquids, facilitating maintenance and increasing the durability of the coating. The filling effect improves the overall aesthetic appearance of the flooring, making it more compact, uniform, and resistant to light traffic.

Thanks to its rapid drying and ease of application, it is ideal for completing interior decorative cycles, even in areas subject to frequent cleaning or public use. Furthermore, Atriafloor Filler can be dyed with compatible colouring pastes, allowing the creation of decorative effects. customized according to the application cycle.

Distinctive features Consolidating sealant for draining and decorative mineral-based surfaces Excellent adhesion on porous and quartz surfaces Anti-dust and anti-absorption effect, facilitates ordinary cleaning Does not alter vapour permeability, allowing the surface to "breathe" Can be used on Atriafloor cycles, as a final consolidating treatment Can be painted to achieve customised aesthetic effects

Fields of Application

Atriafloor Filler It is specifically formulated for application on open-structure floors and porous surfaces in interior environments, where a consolidating, sealing and dust-proofing effect is required. The product is particularly suitable as protective finish inside the Atriafloor cycles, helping to improve the visual compactness, surface hygiene, and durability of the decorative coating.

Thanks to its versatility and ease of use, it represents an effective solution for protecting and enhancing non-film-forming interior surfaces, where surface absorption and dust accumulation are functional or aesthetic issues. Atriafloor open-structure systems, such as continuous decorative cycles in resin, natural sands or integrated mineral materials Internal residential areas: living rooms, corridors, verandas, stairs and common areas with breathable decorative flooring Light commercial spaces: moderate pedestrian traffic environments, such as showrooms, exhibition corners or boutiques Technical areas and ancillary rooms: garages, laundries or multipurpose spaces where control of absorption and dustiness is required Exclusive use for internal environments – Do not use outdoors or on surfaces subject to stagnant water or bad weather.

Technical Features

Appearance Viscous liquid Colour in can Milky Density Kg/Lt 1.00 ± 0.01 Supply viscosity 25°C Slightly thixotropic Volumetric dry residue 45 ± 2 % Theoretical coverage 0.125 - 0.150 lt/m² per coat depending on the substrate Dilution Water Application method Plastic spatula or soft stainless steel Dilution max 2 % if needed Drying 25°C Touch free 1 - 2 hours Touch dry 4 - 6 hours Deep dry 18 - 24 hours Overcoating Minimum/Maximum at 25°C 4 - 6 hours / Maximum 10 days Walkable at +23°C and 55% RH 12 - 14 hours Operating temperature -10 °C / +120°C

Storage

stability 12 months Standard packaging Lt.1 - Lt.5

Application Method

Surface preparation Correct preparation of the substrate is essential to obtain maximum sealing effectiveness and an aesthetically uniform finish. Support Terms

- The support must be solid, dry, well-cohesive And free from impurities.
- Completely remove: – Dust, oils, greases, waxes or residues of release agents – Friable, inconsistent or flaking parts
- Do not apply on surfaces with active humidity or capillary rise.
- If you have any doubts about the suitability of the fund, carry out a preliminary adhesion test on a small area. ■
Seasoning
- On decorative surfaces after at least 12-18 hours from the application of the last coat. Unsuitable surfaces
- Atriafloor Filler it is not a leveling product: avoid application on irregular or non-planar surfaces.
- In the presence of joints or interruptions, check the seal and proceed with a proper sealing Product Application
Recommended tools
- Soft stainless steel or plastic spatula, perfectly clean and in good condition. Operating mode
- Apply Atriafloor Filler exclusively on decorative supports such as Atriafloor Titanium, Super titanium or Atriafloor Resin One, respecting an interval of 12–18 hours from the application of the last coat of the underlying system.
- Turn off any underfloor heating systems at least 48 hours before installation to avoid uneven drying.
- Apply one hand only of product evenly over the entire surface, making sure that penetrates into the pores of the bottom and forms a homogeneous film.
- The product performs a dual function of sealant and finish, improving the surface compactness, the resistance mechanics and the aesthetic appearance of the support. Technical recommendations
- Apply the product evenly to avoid streaks, halos or build-ups.
- Avoid application on very humid days or on overheated surfaces.
- Ensure good ventilation of the room during drying, avoiding direct air currents.
- Do not cover the treated surface with plastic sheets, cardboard or waterproof materials before complete drying.

Tips and Notes

Product storage

- Keep Atriafloor Filler in place cool, dry and well ventilated, away from direct heat sources and sunlight.
- Recommended storage temperature: Between +15°C and +25°C.
- Avoid exposure to temperatures below +5°C or higher than +40°C, which could compromise the stability of the product.
- Keep the containers always tightly closed after each use to avoid contamination and chemical alterations.
Environmental conditions of application
- Apply the product with ambient and substrate temperature between +8°C and +35°C.
- Maximum relative humidity recommended: ≤ 85%.
- Do not apply in the presence of condensation, fog, surface humidity or on substrates cold, humid or overheated.
- In case of underfloor heating, turn off the system at least 48 hours before of the application.

Preparation of the substrate

- Surfaces must be clean, dry, cohesive, free from dust, oils, greases, waxes or non-stick residues.
- Do not apply on irregular, unstable or non-planar surfaces: Atriafloor Filler is not a self-leveling product.
- On smooth surfaces, wait at least 15–20 days of maturation; for recent shaves, wait at least 24–48 hours before application.
- In the presence of joints or critical points, check the absence of active humidity or infiltrations and proceed with a sealing suitable
Cleaning and safety

- Remove immediately any accidental splashes or spills with water to avoid permanent stains or residues . Clean the tools with water immediately after use.
- The application must be carried out exclusively by qualified technical personnel, following the instructions given in the technical sheet of the product.

(*) 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.