

Atriafloor Primer BC

Technical Data Sheet — Revision: 12/11/2025

Primer self-anchoring epoxy two-component high performance water-based.

Product Description

Atriafloor Primer it's a two-component water-dilutable anchoring primer, formulated with epoxy-polyamide resins modified, designed to ensure maximum adhesion and consolidation on difficult surfaces such as tiles, ceramics, non-ferrous metals and poorly absorbent substrates. Thanks to his reactive molecular structure, Atriafloor Primer penetrates deeply, saturating micro-discontinuities and promoting the mechanical bonding of subsequent finishing cycles, both water-based and solvent-based.

It is essential in the Atriafloor decorative cycles, where it plays a strategic role for the coating durability, avoiding detachments and improving the final aesthetic effect. Its application versatility, combined with the quick drying and to the very low VOC emissions, make it a choice professional and ecological for the preparation of surfaces in civil, commercial and industrial environments, even those subject to mechanical stress or moderate chemical agents.

Distinctive Features

- Two-component water-dilutable epoxy primer
- Excellent adhesion on smooth and low-absorbency surfaces
- Consolidating effect on mineralized, tiled or metal surfaces
- High compatibility with subsequent cycles water or solvent based (e.g. Atriafloor Titanium, Supertitanium, New Atriapol Antibacterial)
- Good chemical and mechanical resistance, suitable for environments subject to stress (e.g. laboratories, garages, kitchens, technical areas)
- Quick drying, which allows for agile processing and rapid cycles
- Low environmental impact: free from harmful solvents and with very low VOC emissions Environmental Certifications The product is ReMade in Italy certificate no. 1271/001, in accordance with the Minimum Environmental Criteria (CAM Edilizia) – DM 11 October 2017 – for recycled content tracked by mass balance. A guarantee for use in sustainable projects, public buildings and low environmental impact interventions.

Fields of Application

Thanks to its two-component, water-dilutable epoxy formulation and excellent anchoring properties, Atriafloor Primer is the ideal solution for the professional preparation of interior surfaces in civil, residential and commercial environments with high traffic or aesthetic value. The product stands out for its ability to adhere to critical media and smooth surfaces, such as ceramic, MDF, glass or glazed tiles, making it indispensable in high- Difficult and non-absorbent surfaces:

- Ceramics, stoneware, tiles, MDF and treated wood
- Glass, shiny or waterproof supports, where a consolidating base is required for the subsequent application of finishes Interior walls and floors:
- Ideal as a base for water- or solvent-based Atriafloor cycles
- Guarantees a compact base for the application of decorative resins, enamels or continuous coatings Residential and luxury spaces:
- Contemporary homes, lofts, open space environments
- Entrances, living areas, bedrooms and spaces subject to daily use Professional and commercial contexts:
- Boutiques, showrooms, architecture and design studios
- Environments that require high-performance, wear-resistant and easily cleanable aesthetic surfaces Atriafloor Primer represents a fundamental technical component in the Atriafloor decorative cycles, optimising the

adhesion of subsequent layers and improving durability and aesthetic performance of the final coating.

Technical Features

Appearance Satin Colour in can White Density Kg/Lt 1,450 ± 0,01 Supply viscosity 25°C 100 – 130 seconds Ford 4 Volumetric dry residue 52 ± 2 % Theoretical coverage 120 – 150 gr/m² per coat depending on absorption Mixing ratio Base / Catalyst Base 80 – Catalyst 20 by weight Pot Life 2 hours at 25°C Dilution Water Application method Brush Dilution 5 - 15 % Roller Dilution 8 - 15 % Spray Dilution 8 - 20 % Drying 25°C Touch dry 2 – 3 hours Touch dry 8 - 12 hours Through dry 18 – 24 hours Overcoating Minimum/Maximum at 25°C 8 - 12 hours / Maximum 15 days Walkability at +23°C and 55% RH 12 – 18 hours Operating temperature -15°C / +120°C

Storage

stability Base 24 months / Hardener 12 months Standard packaging Kg 1 - Kg 5

Application Method

To achieve high performance in terms of adhesion and durability, it is essential prepare the support correctly and follow the technical mixing and application instructions. Atriafloor Primer is a two-component product that requires careful and methodical professional application.

Preparation of the substrate

1. Fund verification o Make sure the media is solid, dry, clean and free from residual or rising humidity. o Avoid application on unstable, dusty or contaminated surfaces with non-stick substances (oils, silicones, waxes). 2. Cleaning o Completely remove dust, residues, loose or flaking parts by brushing, sanding or washing. o In case of greasy stains or contamination, carry out localized degreasing with compatible detergents or solvents. 3.

Treatment of irregular supports o On uneven or damaged surfaces, perform localized smoothing or filling before application. o Do not apply on surfaces with high internal or continuous humidity. Application on specific supports Ceramic, stoneware or tile surfaces

- Clean thoroughly and, if necessary, sand lightly to promote adhesion.
- Apply an even coat of Atriafloor Primer with a roller or brush. Wooden or MDF surfaces
- Clean, sand lightly and remove dust.
- Apply Atriafloor Primer as an anchoring base before proceeding with the subsequent decorative layers. Glass or smooth surfaces
- Clean thoroughly with suitable antistatic and degreasing cloths.
- In the case of particularly exposed or difficult to adhere surfaces, perform application testing beforehand on a limited portion of the surface.
- Yes recommends using the product on moderately exposed surfaces, avoiding conditions of strong mechanical or environmental stress. Product preparation 1. Mixing (80:20 ratio by weight) o Mix well the component A (base). or Add component B (hardener) in the correct ratio and mix at low speed until a smooth mixture is obtained. 2. Dilution or Add 5–10% of drinking water to facilitate spreading and optimize workability, depending on the environmental conditions and the substrate. 3. Application o Apply the product by roller, brush or airless spray, in a thin, continuous layer. Avoid build-ups or drips, making sure to cover the entire surface evenly. For complete decorative cycles, it is recommended to continue with Atriafloor coatings specifically for floors and walls, such as Atriafloor Titanium, SuperTitanium, or the New Atriafol Antibacterial protective products.

Tips and Notes

Environmental conditions of application

- Apply Atriafloor Primer only in favourable climatic conditions to ensure effective anchoring and optimal performance: Substrate and ambient temperature: between +5°C and +35°C Relative humidity: ≤ 85%
- Avoid application: – In the presence of residual humidity or capillary rising damp in the substrate – In unseasoned environments or subject to night-time condensation – On hot surfaces, directly exposed to the sun, or in the event of strong winds Mixing and use

- Mix the two components (A and B) carefully according to the ratio indicated 80:20 by weight, using a mixer low revs until completely homogenized.
- Only then add the dilution water (5–10%) to adjust the viscosity and facilitate application.
- Avoid mixing the product in the presence of altered components (e.g. hardened base): this compromises hardening and adhesion.
- Incorrect mixing can generate whitish streaks, aesthetic alterations or failure to polymerize of the movie.
Cleaning and preparation of the substrate
- Apply only on surfaces clean, dry, free from oils, dust, powdery residues or anti-adhesive substances.
- On irregular or deteriorated surfaces, carry out localized fillings or smoothing to make the substrate uniform.
- In case of humid environments or at risk of infiltration, carefully connect corners and joints to avoid critical points. Intended use and warnings
- On surfaces subject to intense mechanical stress or heavy traffic, Atriafloor Primer must be inserted within the complete cycle Atriafloor (primer, smoothing compound, decorative finish, protective).
- The single use of primer, outside of a structured cycle, does not guarantee high mechanical performance, especially in technical, industrial or frequently washed environments.

Product storage

- Store Atriafloor Primer in a cool, dry and well-ventilated place, away from direct sunlight and frost.
- Keep containers perfectly closed and bring back to room temperature (20–25°C) before use in case of cold storage. To ensure durability, adhesion and homogeneity, it is essential to follow the complete Atriafloor cycle, which includes all the steps required for the specific media. Partial use of the system may compromise the final result.

(*) 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.