

Wallcrete

Texturizing base coat for Wallcrete and Wallcrete Living resin coverings.

The Wallcrete and Wallcrete Living cycles are water based resin coverings with coloured trowelled material texture..

Wallcrete is a specific cycle for bathroom and kitchen coverings; Wallcrete Living is the decorative finish suitable for the walls of all other types of environments.



1. Ideal for the decoration of walls in domestic and commercial environments
2. Excellent cleanability
3. Suitable for the restyling of kitchens and bathrooms
4. Excellent workability
5. It can be applied directly on waterproofing carried out with Aquastop Nanoflex, Nanodefense and Aquastop Extreme

Areas of application

- Texturizing base coat
 - Intended use:
 - Suitable for internal use on:
 - cement based plasters primed with Universal Wall Primer
 - cement based finishing products primed with Universal Wall Primer
 - existing coverings in ceramic, glass mosaic and natural stone treated with Keragrip Pulep
 - substrates made with fibre-cement panels primed with Universal Wall Primer
 - gypsum based plasters primed with Universal Wall Primer
 - substrates made with plasterboard panels primed with Universal Wall Primer
 - substrates made with plywood, MDF, and HDF panels, primed with EP21 or Universal Wall Primer according to the intended use.
 - waterproofing carried out with Aquastop Nanoflex, Nanodefense and Aquastop Extreme.
 - Finishing products to complete the Wallcrete surface:
 - Decor and Microresina Xtreme Invisible
 - Finishing products to complete the Wallcrete Living surface:
 - Decor
- Do not use on floors and external applications, on fresh or not appropriately cured substrates, on dirty, non cohesive substrates, on old paint layers or faded supports, inconsistent substrates, with a high level of flexibility and thermal expansion, on wet substrates, on substrates subject to rising damp or with a residual moisture value greater than 2% MC, on gypsum based plasters with a residual moisture $\geq 1\%$, on non-primed gypsum based coverings and substrates susceptible to damp.

Instructions for use

- Check that the substrates are stable and perfectly well anchored to the support before applying the Wallcrete texturing agent. Substrates must be perfectly dry. Any water or residual moisture rising can cause vapour pressure to accumulate, which may cause the covering to debond.
 - Traditional cement based plasters finishing products: the substrate must be dry and must have undergone its normal hygrometric shrinkage. The substrate must be clean and solid, free from loose debris, dust and mould. Old plasters must be dry, in good condition, compact and cleaned carefully to remove any remaining traces of previous processes (lime putty coverings, old finishing coats, etc.). Prime substrate with Universal Wall Primer. If the surface needs in-depth consolidation, apply a Universal Wall Primer after 4 to 6 hours. Wait for at least 4 - 6 hours for the subsequent application of Wallcrete.
 - Plasterboard panels: carefully clean the substrate and check that the covering is stable, compact, free from dust, oil, and water-repellent treatments. Apply Universal Wall Primer in two coats in alternate directions. Wait for at least 4 - 6 hours for the subsequent application of Wallcrete.
 - Gypsum based plasters: gypsum based plasters must have a $\leq 1\%$ residual moisture measured with a calcium carbide hygrometer. Follow the manufacturer's instructions. Check that the base has been applied in a single layer, without fine finishing coats, as these may be imperfectly anchored and therefore unsuitable for laying. Apply Universal Wall Primer in two coats in alternate directions. Wait for at least 4 - 6 hours for the subsequent application of Wallcrete.
 - Existing ceramic, glass mosaic and natural stone coverings: clean the surface carefully with a cloth soaked in Keragrip Pulep adhesion promoter. Any dust and loose debris must be removed from joints. The surface of the coating material to be finished must be dry and free from dust or building dirt; any residual protective coatings must first be removed using specific products.
 - Fibre-cement panels: carefully clean the substrate and check that the covering is stable, compact, free from dust, oil, and water-repellent treatments. Prime substrate with Universal Wall Primer. Wait for at least 4 - 6 hours for the subsequent application of Wallcrete.

Instructions for use

- Plywood, MDF, HDF panels: carefully clean the substrate and check that the covering is stable, compact, free from dust, oil, and water-repellent treatments. In damp environments (i.e. bathrooms), apply EP21 primer; in environments not subject to humidity, apply Universal Wall Primer; in both cases apply the product over the entire surface, checking that the back of the panel to be covered is primed in order to avoid moisture absorption, subsequent water infiltrations or embarkation of the panel itself. If a build-up of EP21 should remain during application, dust with Quarzo 1.3, while still wet. Wait until the primer has completely hardened (8 - 12 hrs for EP21 or 4 - 6 hrs for Universal Wall Primer); if the surface primed with EP21 is particularly glossy, sand with a rotating orbital sander with 80 grain sandpaper to roughen the surface.
 - Walls presenting traces, cracks or unstable crazing: always insert the Net 90 reinforcing mesh.
- Preparation
Ready-to-use. Remix the product inside the container to ensure the mixture is of an even consistency.
- Application
Apply the first coat of Wallcrete smoothing the product with small and even strokes of the spreader over the entire surface. To speed up drying times (especially in damp environments and/or with little air circulation), the use of a fan is recommended. Apply the second coat when the material has hardened (3 - 12 hrs). Three coats of product are required on ceramic tiles or rough plaster. The first coat must be smoothed out completely in order to grout joints and tile lippage. The second coat has the purpose to cover the existing covering; with the third coat it is necessary to spread the product smoothing it out completely with small and even strokes of the spreader. In all three coats, always make sure that a 3.00 kg/m² coverage is respected, in order to be sure to completely cover the joints or the irregularities of the plaster. Waterproofing carried out with Aquastop Nanoflex, Nanodefense and Aquastop Extreme: if crests are present, it is possible to lightly sand using grade 120 sandpaper. After sanding, perfectly vacuum the substrate and clean it from dust or sanding residues. Waterproofing carried out with Aquastop Extreme must be treated with Keragrip Pulep adhesion promoter: dampen a cloth with Keragrip Pulep and clean all the covering with it, letting the solvent evaporate. Wait 10 minutes before the subsequent application.
- Cleaning
Product residues can be removed with running water before the product has hardened.

Special notes

- Product not suitable for wall thickness correction.
- Wallcrete can be applied with a thickness of 1 to 2 mm per coat. Thicker layers need longer drying times. For thicker layers, Wallzero structural support can be used (see the specific technical data sheet).
- In showers, washbasin recesses and counters, when it is necessary to incorporate edge beams into the Wallcrete, use straight, rigid PVC or aluminium corner pieces to reinforce the edges.
- Do not use galvanized edge beams: they might develop rust over time if the galvanisation is removed when sanding.
- The photographic images in the catalogue and on the website, as well as the colours shown in the samples are to be considered purely indicative.
- Use material from a single production batch for each project.

Certificates and marks



* Émission dans l'air intérieur Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

Technical Data compliant with Kerakoll Quality Standard

Appearance	ready to use, light grey finishing product
Pack	5 – 15 kg buckets
Shelf life	≈ 12 months from production in the original sealed packaging, protect from humidity
Relative environmental humidity	≤ 75%
Temperature range for application	from +10 °C to +30 °C
Maximum thickness obtainable per coat	from 1 to 2 mm
Waiting time for overlaying	≈ 3 – 12 hrs (the use of a fan is recommended for the air to circulate, especially in small and closed rooms)
Coverage on finely smoothed support (2 coats)	≈ 1.8 kg/m ²
Coverage on a plaster substrate or ceramic tile covering (3 coats)	≈ 3 kg/m ²

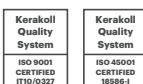
Values taken at +20 °C, 65% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e. temperature, ventilation and absorbency level of the substrate.

Performance**HIGH-TECH**

Reaction to fire	B-s1,d0	EN 15824
Adhesion	≥ 0.3 Mpa	EN 15824
Thermal conductivity	$\lambda_{10} = 0.78 \text{ W}/(\text{m} \cdot \text{K})$; P 90%	EN 15824

Warning

- Abide by any standards and national regulations
- use at temperatures between +5 °C and +30 °C
- apply on dry substrates
- do not add binders or additives
- protect from direct sunlight
- do not apply on dirty or loose surfaces
- dispose of as indicated in applicable legislation
- protect any surfaces and objects in the application area from accidental contact with the product
- if necessary, ask for the safety data sheet
- for unstable wooden types, particular substrates and for any other issues, contact the Kerakoll Worldwide Global Service +39 0536.811.516 – globalservice@kerakoll.com



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