Wallcrete

Texturizing base coat for Wallcrete and Wallcrete Living resin coverings. Italian design for living comfort.

Wallcrete and Wallcrete Living 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.

Available in the 10 Warm Collection colours.

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GREENBUILDING RATING
REF. GBR DATA REPORT 02.21
APPROVED

Rating 2*

- ✓ Regional Mineral ≥ 30%
- × VOC Low Emission
- × Solvent ≤ 5 g/kg
- × Low Ecological Impact
- ✓ Health Care

* Rating based on average colour formulations

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

Areas of application

→ Texturizing base coat
→ Intended use:
Suitable for internal use on:
- cement based plasters primed with Universal Wall Primer
- cement based finish plasters primed with Universal Wall Primer
- existing coverings in ceramic, glass mosaic and natural stone treated with Keragrip Eco 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 Prime according to the intended use.

→ Finishing products to complete the Wallcrete surface:
- Decor Paint and Microresina® Xtreme Invisible
→ Finishing products to complete the Wallcrete Living surface:
- Decor Paint

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 discoloured coverings, inconsistent substrates, with a high level of flexibility and thermal expansion, on wet substrates, on substrates subject to rising damp with a residual humidity value greater than 2% MC, on gypsum based plasters with a residual humidity ≥ 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 and 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 (decoloured coverings, old finishing coats, etc...). Prime substrate with Universal Wall Primer. If the surface needs in-depth consolidation, apply a second coat of 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 ≤ 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.
- Previous ceramic coatings, glass mosaic, natural stone: smooth with a diamond disc in order to abrade the surface layer removing any contamination and giving a porous surface. Clean the surface carefully with a cloth soaked in Keragrip Eco 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.
- 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

Instructions for use

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 fresh. 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 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.
In order 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/m^2 coverage is respected, in order to be sure to completely cover the joints or the irregularities of the plaster.

→ Cleaning
Residual traces of the product can be removed from tools using water before the product hardens.

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).

→ 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.

→ Materials coming from different batches may have variations in tonality and colour.

Certificates and marks

CE EN 15824 · CO_2 eq Carbon Footprint · Émissions dans l'air intérieur C (A+ A B C) · Contributes to LEED Points

* 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/m²
Coverage on a plaster substrate or ceramic tile covering (3 coats)	≈ 3 kg/m²

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	λ_{10} = 0.78 W/(m · K); P 90%	EN 15824

Warning

→ Product for professional use
→ 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 any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - globalservice@kerakoll.com

Kerakoll Quality System ISO 9001 CERTIFIED IT10/0327 | Kerakoll Quality System ISO 14001 CERTIFIED 18586-E | Kerakoll Quality System ISO 45001 CERTIFIED 18586-I