

Rasobuild Eco Granello

Eco-friendly, fine, mineral plaster/render finish.

Rasobuild Eco Granello guarantees surface finishes with high dimensional stability in a single coat. The high fluidity allows for the creation of a medium-texture finish and a quick and safe application in a single pass. Suitable as a base for organic and mineral paint and decorative coverings. white.



Rating 5

1. Suitable for traditional, new, cured or pre-mixed plasters/renders
2. Absorbent substrates
3. Gives excellent planarity to substrates
4. Hand or machine float-finish
5. High level of workability when smoothing surfaces
6. Internal, external

- ✓ Regional Mineral $\geq 60\%$
- ✓ Recycled Regional Mineral $\geq 30\%$
- ✓ CO₂ Emission ≤ 250 g/kg
- ✓ VOC Low Emission
- ✓ Recyclable

Areas of application

→ Intended use:

Finishing of:

- old and new, traditional or ready-mixed plasters
- compact and absorbent mineral substrates
- concrete

Suitable for internal and external use in residential, commercial and industrial buildings.

Do not use at floors, gypsum-based substrates, walls subject to movement or flexible walls (plasterboard or wood), painted or non-absorbent substrates.

Instructions for use

→ Preparation of substrates

The substrate must be compact, dry and clean, i.e. free from dust and grease. Any loose or imperfectly anchored parts such as cement slurries, previous paint coatings, adhesive layers or parting compound residues must be removed using the appropriate methods. Wait for patchwork and restored sections on the substrate to cure before smoothing.

Always scratch new plaster coats before smoothing.

→ Preparation

Prepare Rasobuild Eco Granello in a clean container, first of all pouring in a quantity of water equal to approximately 3/4 of that which will be required. Gradually add Rasobuild Eco Granello to the container, mixing the paste from the bottom upwards with a low-rev ($\approx 400/\text{min}$) helicoidal agitator. Add water until a fluid, smooth, lump-free mixture is obtained. The mixture must be of smooth consistency and without any lumps.

→ Application

Apply an initial coat of the product to the suitably prepared and damped substrate using a smooth spreader. Press down hard to ensure adhesion and to force the air out of the pores. Then apply the next coats until the required finish is obtained. Use a manual or mechanical float to finish.

→ Cleaning

Rasobuild Eco Granello can be removed from tools and surfaces by washing them with water before the product hardens.

Special notes

→ Gypsum walls: before finishing gypsum-based substrates, eco-friendly Rasobuild Eco Consolidante surface insulation must be applied to saturation point.

→ Heterogeneous supports: when finishing heterogeneous surfaces we recommend embedding Rinforzo V50 anti-alkali mesh in the

first coat while it is still wet, pressing it down with a spreader. Apply a second coat over the top, covering the mesh completely to form a finished surface which, on drying, can be painted or used to lay wall coverings.

→ Flaking supports: strengthen flaking or loose supports with Rasobuild Eco Consolidante.

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).

Abstract

The medium-texture finish of plasters/renderers should be carried out with an eco-friendly, mineral-finish fine plaster/ render, GreenBuilding Rating 5, such as Rasobuild Eco Granello by Kerakoll Spa. Suitable for internal and external applications, in white. Coverage will be $\approx 1.3 \text{ kg/m}^2$ per mm of thickness. The substrate must be perfectly clean, compact and dimensionally stable.

Technical Data compliant with Kerakoll Quality Standard

Appearance	White pre-mixed	
Apparent volumetric mass	$\approx 1,35 \text{ kg/dm}^3$	UEAtc/CSTB 2435
Mineralogical nature of inert material	crystalline carbonate	
Grading	$\approx 0 - 1,4 \text{ mm}$	
Shelf life	≈ 12 months from production in the original sealed packaging, protect from humidity	
Pack	25 kg bags	
Mixing water	$\approx 6.5 \text{ l} / 1 \text{ x } 25 \text{ kg bag}$	
Specific weight of the mixture	$\approx 1,66 \text{ kg/dm}^3$	UNI 7121
pH of the mixture	≥ 12	
Pot life	$\geq 4 \text{ h}$	
Temperature range for application	from $+5 \text{ }^\circ\text{C}$ to $+35 \text{ }^\circ\text{C}$	
Max thickness	10 mm	
Waiting time before:		
- painting	$\approx 3 - 7$ days	
- application of wallpaper	$\approx 3 - 7$ days	
Coverage	$\approx 1.3 \text{ kg/m}^2$ per mm of thickness	

Values taken at $+20 \text{ }^\circ\text{C}$, 65% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e. temperature, ventilation and absorbcency level of the substrate.

Performance

VOC Indoor Air Quality (IAQ) - Volatile organic compound emissions

Conformity	EC 1 plus GEV-Emicode	GEV Certified 7801/11.01.02
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HIGH-TECH

Adhesion to concrete after 28 days	$\geq 0,4 \text{ N/mm}^2$	CSTB 2893-370
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Compressive strength after 28 days	$\geq 3 \text{ N/mm}^2$	EN 1015-11
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Values taken at +20 °C, 65% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

Warning

- Product for professional use
 - abide by any standards and national regulations
 - use at temperatures between +5 °C and +35 °C
 - make sure the substrate is perfectly clean and compact
 - do not remix or add water to the product when it has already started to set
- respect any elastic joints in the substrate
 - do not apply to substrates exposed to direct sunlight, at high temperatures or on windy days
 - 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



The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in July 2023 (ref. GBR Data Report – 0723); please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see www.kerakoll.com. KERAKOLL SpA shall therefore be liable for the validity, accuracy and updating of information provided only when taken directly from its institutional website. The technical data sheet given here is based on our technical and practical knowledge. As it is not possible for us to directly check the conditions in your building site and the execution of the work, this information represents general indications that do not bind Kerakoll in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.