

Rasobuild® Eco Granello



Eco-friendly, fine, mineral plaster/render finish, ideal for use in GreenBuilding. With low CO₂ emissions and very low volatile organic compound emissions, contains recycled raw materials. Recyclable as an inert material at the end of its life.

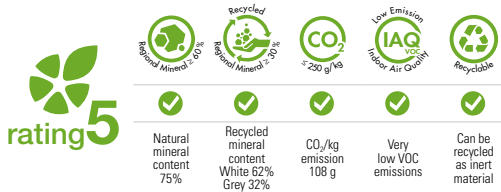
Rasobuild® Eco Granello guarantees surface finishes with high dimensional stability in a single coat. The high fluidity is ideal for creating a medium granular texture, two-coat plaster finish quickly and easily. Suitable as a base for organic and mineral paint and decorative coverings. White.



GREENBUILDING RATING®

Rasobuild® Eco Granello

- Category: Inorganic mineral products
- Protection and decoration



RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

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



ECO NOTES

- Formulated with locally-sourced minerals meaning lower greenhouse gas emission during transportation
- Contains recycled materials thereby reducing the damage to the environment caused by extracting pure raw materials
- Can be recycled as mineral inert material, avoiding waste disposal costs and environmental impact

AREAS OF USE

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

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.

* 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).

INSTRUCTIONS FOR USE

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 (≈ 400 /min) helicoidal agitator. Add more water until the desired consistency 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.

ABSTRACT

The medium-texture finish of plasters/renders 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 | $\approx 6.5 \text{ l} / 1 \times 25 \text{ kg bag}$ | |
| Specific weight of the mixture | $\approx 1.66 \text{ kg/dm}^3$ | UNI 7121 |
| pH of the mixture | ≥ 12 | |
| Pot life | ≥ 4 hrs | |
| 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 absorbency 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 |
|------------|-----------------------|-----------------------------|

HIGH-TECH

| | | |
|------------------------------------|---------------------------|---------------|
| Adhesion to concrete after 28 days | $\geq 0.4 \text{ N/mm}^2$ | CSTB 2893-370 |
|------------------------------------|---------------------------|---------------|

| | | |
|------------------------------------|-------------------------|------------|
| Compressive strength after 28 days | $\geq 3 \text{ N/mm}^2$ | EN 1015-11 |
|------------------------------------|-------------------------|------------|

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 November 2020 (ref. GBR Data Report - 1220); 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 yards 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.

Kerakoll
Quality
System

ISO 9001
CERTIFIED
IT10/0327

Kerakoll
Quality
System

ISO 14001
CERTIFIED
18586-E

Kerakoll
Quality
System

ISO 45001
CERTIFIED
18586-I

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