

Rasobuild® Eco Extrafino

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

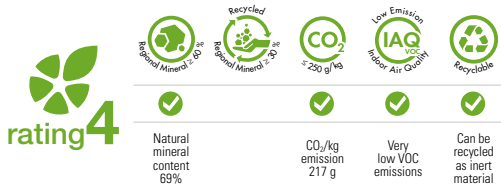
Rasobuild® Eco Extrafino guarantees surface finishes with high dimensional stability in a single coat. The high fluidity produces a smooth finish that is fast and safe to apply. Suitable as a base for organic and mineral paint and decorative coverings. White.



GREENBUILDING RATING®

Rasobuild® Eco Extrafino

- 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
- Perfect to achieve a polished white finish
- High level of workability when smoothing surfaces
- Internal, external



ECO NOTES

- Formulated with locally-sourced minerals meaning lower greenhouse gas emission during transportation
- Can be recycled as mineral inert material, avoiding waste disposal costs and environmental impact

AREAS OF USE

Use

- Polished smoothing:
old and new, traditional and ready-mixed plasters
- fibro-cement
 - large-grain finishing coats
 - compact and absorbent mineral substrates
 - concrete

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

Do not use

Floors, walls subject to movement or flexible walls (metal or wood), gypsum-based substrates, painted or non-absorbent substrates.

* 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 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 residual cement slurry, 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 Extrafino in a clean container, first of all pouring in a quantity of water equal to approximately ¾ of that which will be required. Gradually add Rasobuild® Eco Extrafino to the container, mixing the paste from the bottom upwards with a low-rev ($\approx 400/\text{min}$) 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 thickness is obtained.

Cleaning

Rasobuild® Eco Extrafino can be removed from tools and surfaces by washing them using water before the product hardens.

SPECIAL NOTES

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

Heterogeneous supports: finish in advance with Rasobuild® Eco Fino, inserting Rinforzo V 50 reinforcing mesh to give a perfectly even surface.

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

ABSTRACT

Polished finishing of plaster surfaces will be carried out using extra-fine, eco-friendly white mineral finishing plaster, GreenBuilding Rating® 4, such as Rasobuild® Eco Extrafino by Kerakoll Spa, in two coats. Coverage will be $\approx 1.1 \text{ kg/m}^2$ 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	$\approx 1.06 \text{ kg/dm}^3$	UEAtc/CSTB 2435
Mineralogical nature of inert material	crystalline carbonate	
Grading	$\approx 0 - 250 \mu\text{m}$	
Shelf life	≈ 12 months from production in the original sealed packaging, protect from humidity	
Pack	20 kg bags	
Mixing water	$\approx 9 \text{ l} / 1 \times 20 \text{ kg bag}$	
Specific weight of the mixture	$\approx 1.65 \text{ kg/dm}^3$	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	2 mm	
Waiting time before:		
- painting	$\approx 3 - 7$ days	
- application of wallpaper	$\approx 3 - 7$ days	
Coverage	$\approx 1.1 \text{ kg/m}^2$ 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
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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 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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