

# Rasobuild® Eco Top Fino

**Eco-friendly, mineral finishing coat, ideal for use in GreenBuilding. With low CO<sub>2</sub> emissions, contains recycled raw materials, recyclable as an inert material at the end of its life.**

Rasobuild® Eco Top Fino is suitable for finishing and levelling absorbent and non-absorbent surfaces, and for high dimensional stability finishings with superior mechanical resistance. Internal, external. White and grey.



## GREENBUILDING RATING®

### Rasobuild® Eco Top Fino

- Category: Inorganic Mineral Products
- Class: Fine and Extra-Fine Mineral Finishing Coats
- Rating: Eco 3


RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

## PRODUCT STRENGTHS

- Available in white and grey
- Specifically intended for recovering facades with stable, anchored coverings without having to re-do the plaster/render coat
- Suitable for finishing coatings on anchored, plastic coverings and on stable glass mosaic, plaster/render and cement-based mortars
- For concrete structures compliant with EN 1504-3 standard, Class R1
- Hand and machine float-finish
- Fine granular texture, two-coat plaster finish



## ECO NOTES

- Can be recycled as mineral inert material, avoiding waste disposal costs and environmental impact

## AREAS OF USE

### Use

Levelling and smoothing uneven surfaces:

- cement plasters and cement-lime mortar
- decorative work using well-anchored and compact synthetic paints and coverings that do not re-emulsify
- glass mosaic coverings well anchored to the substrate
- prefabricated concrete or fresh concrete castings
- fibro-cement, wood-cement or plasterboard panels
- cellular concrete block walls

Internal and external use in residential, commercial and industrial buildings

### Do not use

Floors, gypsum-based substrates, uneven substrates and high-thickness correction, and inconsistent substrates.

## INSTRUCTIONS FOR USE

### Preparation of substrates

Non-absorbent surfaces must be dry and absorbent ones must be dampened, both compact and clean, i.e. free of dust, grease and water-repellent treatments.

Surfaces must be cleaned with a pressure washer and any loose debris removed.

The surface to be smoothed must be dimensionally stable and the hygrometric shrinkage curing period already completed.

On new concrete, remove the parting compound with a pressure washer.

Wait for patchwork and restored sections on the substrate to cure before smoothing.

## INSTRUCTIONS FOR USE

### Preparation

Prepare Rasobuild® Eco Top Fino 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 Top Fino to the container, mixing the paste from the bottom upwards with a low-rev ( $\approx 400$ /min) helicoidal agitator. Then add more water until the desired consistency is obtained. The mixture must be smooth and without any lumps.

### Application

Apply two or more coats, each up to 2 mm thick, using a steel spreader. On absorbent surfaces, prepare and dampen the substrate then apply an initial coat of the product with a smooth spreader, pressing down hard to ensure adhesion and force air out of the pores. When applying paint, plastic or glass mosaic coverings, clean and remove any parts that are not perfectly anchored then apply Rasobuild® Eco Top Fino once the surfaces are perfectly dry. Lay the Rinforno V 50 reinforcing mesh, as applicable, then apply more coats of the product until the desired thickness is achieved.

### Finishing

Finish with a steel spreader, float or sponge.

### Cleaning

Rasobuild® Eco Top Fino can be removed from tools and surfaces by washing them with 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:** when finishing heterogeneous surfaces we recommend embedding Rinforno 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

*Finishing and correction of absorbent/non-absorbent substrates, or substrates decorated with well-anchored, compact synthetic coverings, using an eco-friendly, CE-marked mineral finishing product with GreenBuilding Rating Eco 3, compliant with the performance requirements of standard EN 1504/3 for class R1 mortars, such as white/grey Rasobuild® Eco Top Fino by Kerakoll Spa. Suitable for internal and external applications, in white or grey. Apply two or more coats, each up to 2 mm thick, using a steel spreader. 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 or grey pre-mixed	
Apparent volumetric mass:		
- Rasobuild® Eco Top Fino White	$\approx 1,41 \text{ kg/dm}^3$	UEAtc/CSTB 2435
- Rasobuild® Eco Top Fino Grey	$\approx 1,39 \text{ kg/dm}^3$	UEAtc/CSTB 2435
Mineralogical nature of inert material	crystalline carbonate	
Grading	$\approx 0 - 800 \mu\text{m}$	
Shelf life	$\approx 12$ months in the original packaging in dry environment	
Pack	Bags 25 kg	
Mixing water:		
- Rasobuild® Eco Top Fino White	$\approx 6.8 \text{ l} / 1 \times 25 \text{ kg bag}$	
- Rasobuild® Eco Top Fino Grey	$\approx 7 \text{ l} / 1 \times 25 \text{ kg bag}$	
Specific weight of the mixture:		
- Rasobuild® Eco Top Fino White	$\approx 1,65 \text{ kg/dm}^3$	UNI 7121
- Rasobuild® Eco Top Fino Grey	$\approx 1,68 \text{ kg/dm}^3$	UNI 7121
pH of the mixture	$\geq 12$	
Pot life	$\geq 4$ hrs	
Temperature range for application	from $+5^\circ\text{C}$ to $+35^\circ\text{C}$	
Minimum thickness	$\geq 1 \text{ mm}$	
Maximum thickness obtainable by coat	$\leq 2 \text{ mm}$	
Waiting time before:		
- painting	$\approx 7$ days	
- application of wallpaper	$\approx 7$ days	
Coverage	$\approx 1.3 \text{ kg/m}^2$ per mm of thickness	

Values taken at  $+20^\circ\text{C}$ , 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

### HIGH-TECH

Adhesion to concrete after 28 days	$\geq 1 \text{ N/mm}^2$	CSTB 2893-370
Compressive strength after 28 days	$\geq 9 \text{ N/mm}^2$	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 - [globalservice@kerakoll.com](mailto:globalservice@kerakoll.com)

The Eco and Bio classifications refer to the GreenBuilding Rating Manual 2011. This information was last updated in October 2011 (ref. GBR Data Report - 10.11); please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see [www.kerakoll.com](http://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

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