

Biogesso Rasa&Decora mangiaVOC

Natural, eco-friendly mangiaVOC finishing product and decorative fine plaster/render based on exclusive Kerakoll Biogesso which actively absorbs and reduces indoor pollutants.

EN 13279-1 compliant, Biogesso Rasa&Decora mangiaVOC is specifically intended for finishing coats and “smooth plaster coats” of old and new plasters/renders and is suitable for Fine White colour decorative finishes to be left exposed. Suitable for bathrooms and kitchens.

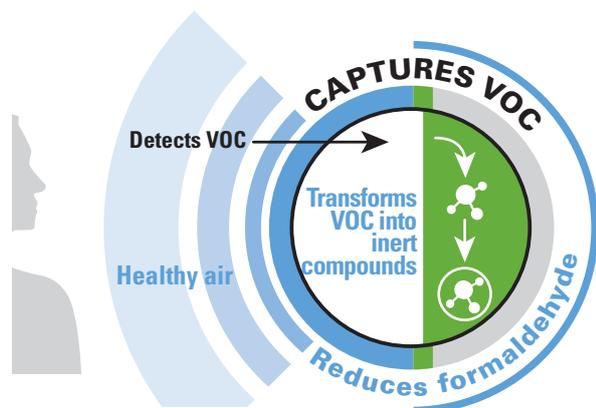


Rating 2

1. For Finishing. The prolonged workability of biogesso guarantees a perfect finishing without overlaps and levelness. Ideal for “smooth plaster coats”. Easy to sand.
2. It is Decorative. The prolonged workability of biogesso guarantees a perfect finishing without overlaps and levelness. Ideal for “smooth plaster coats”.
3. for Dust-proofing. Biogesso reduces the amount of powder normally released during mixing of the products by 90%, giving health benefits for the fitters.

- ✓ Pollution Reduced
- × Bacteriostatic
- × VOC Low Emission
- ✓ CO₂ Emission ≤ 250 g/kg
- × Recycled Regional Mineral ≥ 30%

Better indoor air quality, better health



→ MangiaVOC WALL SYSTEM

- Biogesso Rasa&Decora mangiaVOC
Natural, eco-friendly mangiaVOC finishing product and decorative fine plaster/render based on exclusive Kerakoll Biogesso which actively absorbs and reduces indoor pollutants. For internal use.

- Biogesso Stucco mangiaVOC

Natural, eco-friendly mangiaVOC grout based on exclusive Kerakoll Biogesso for grouting and finishing of plasterboard sheets. Actively absorbs and reduces indoor pollutants. For internal use.

→ Problem

Long-term exposure to volatile organic compounds (VOC) present in buildings may contribute to sick building syndrome - headaches, nausea, irritation. According to estimates by the World Health Organisation (WHO), 20% of the Western world suffers from this pathology.

→ Solution

Thanks to its active principle, Biogesso transforms walls into active surfaces that detect formaldehyde, the main VOC found in indoor air, and transform it into an inert compound. Biogesso guarantees the best indoor air quality, thus benefiting the health of those living in the house.

(Report Eurofins No. 392-2014-00107501RevA).

Instructions for use

→ Preparation of the substrate

The substrate must be absorbent, compact, dry and clean, free from dust. Flaky parts, previous paint coatings or any adhesive residues must be removed. Cement-based plaster/render substrates, lime- or gypsum-based substrates to be levelled must have completed their shrinkage curing period. Always scratch new plaster coats before smoothing. Flaking supports: strengthen flaking or loose supports with Rasobuild Eco Consolidante. Panels to be levelled must be stable and well anchored to the substrate.

→ Instruction for use

Biogesso Rasa&Decora mangiaVOC can be easily mixed with a low-speed mixer ($\approx 400/\text{min.}$). Pour the water first, gradually introduce the powder into the container, mixing until a mixture of the desired consistency is obtained, smooth and free of lumps of viscous consistency.

Do not add water to the product during the setting phase.

Before applying subsequent layers, wait until the preceding layer is "touch dry".

Use between $+ 5\text{ }^{\circ}\text{C}$ and $+ 30\text{ }^{\circ}\text{C}$.

→ Warning

- Kerakoll's breathable decorative coats guarantee the keeping of Biogesso Rasa&Decora essential feature mangiaVOC.
- Do not use different decorations that could nullify the mangiaVOC effect.
- Do not use potassium silicate-based paints or coatings.

→ Application

- **Finishing coat:** used as a finishing layer, it allows to uniform patched substrates or substrates made of materials with different levels of absorption, allowing for the creation of the "smooth plaster coat" with the application of two coats of finishing layer in alternate directions to obtain perfectly flat and smooth surfaces for high quality finishes. It passes the grazing lamp test. Suitable for old and new plasters/renders, gypsum or scagliola walls, plasterboard, gypsum brick or fibre-cement panels, prefabricated concrete panels.
- **Mirror-like:** applied as an exposed decoration, it avoids the subsequent painting, retains all its sanitizing characteristics for indoor air, gives a warm Fine White colour, can be finished in two simple coats with a mirror-like gloss effect.
- **Marble-effect finish:** applied as a marble-effect plaster/render with a stainless steel short spreader, it creates tonal differences with a concentrated effect.

Can be mixed with linseed oil and naturally coloured pigments to customise applications in evoking ancient and fine craftsmanship.

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

In Edilizia del Benessere (Building for Wellness), interior finishing such as finishing layer and decorative fine plaster/render will be carried out based on the exclusive Biogesso Kerakoll which actively absorbs and reduces indoor pollutants (such as Biogesso Rasa&Decora mangiaVOC) GreenBuilding Rating 3 by Kerakoll Spa. The natural finishing coat must meet the requirements of standard EN 13279-1-B3, A1 fire classification class under EN 13501-1. Biogesso Rasa&Decora mangiaVOC coverage $\approx 1\text{ kg/m}^2$ per mm of thickness.

Technical Data compliant with Kerakoll Quality Standard		
Appearance	Fine white pre-mixed	
Apparent volumetric mass	≈ 0.7 kg/dm ³	UEAtc/CSTB 2435
Mineralogical nature of inert material	crystalline carbonate	
Grading	≈ 0 – 100 μm	
Shelf life	≈ 6 months from production in the original sealed packaging, protect from humidity	
Pack	25 kg bags	
Mixing water	≈ 15 l / 1 bag 25 kg	
Specific weight of the mixture	≈ 1.55 kg/dm ³	UNI 7121
Pot life	≥ 60 min.	
Temperature range for application	from +5 °C to +30 °C	
Maximum thickness obtainable by coat	3 mm	
Waiting time	painting ≈ 24 hrs / wallpapering ≈ 24 hrs	
Coverage	≈ 1 kg/m ² per mm of thickness	

Values taken at +23 °C, 50% 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 and of the materials laid.

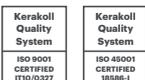
Performance**HIGH-TECH**

Water vapour permeability coefficient (μ)	> 6	EN 12572
Reaction to fire	class A1	EN 13501-1
Flexural strength	$\geq 1 \text{ N/mm}^2$	EN 13279
Compressive strength after 7 days	$\geq 2 \text{ N/mm}^2$	EN 13279
Adhesion to the substrate after 28 days	$\geq 1.9 \text{ N/mm}^2$	EN 13279
Conformity	B3	EN 13279-1

Values taken at +23 °C, 50% 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
- protect from direct sunshine, frost and rain
- protect the surfaces from air currents
- 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.