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.

Biogesso Stucco mangiaVOC, compliant with EN 13963, is specifically designed to finish plasterboard walls. It can be used to restore micro-cracking of plaster and render, smooth application imperfections, carry out small repairs. Suitable as an adhesive for laying of plasterboard, fibreboard and decorative plaster on absorbent substrates.

GREENBUILDING RATING
REF. GBR DATA REPORT 07.23
APPROVED

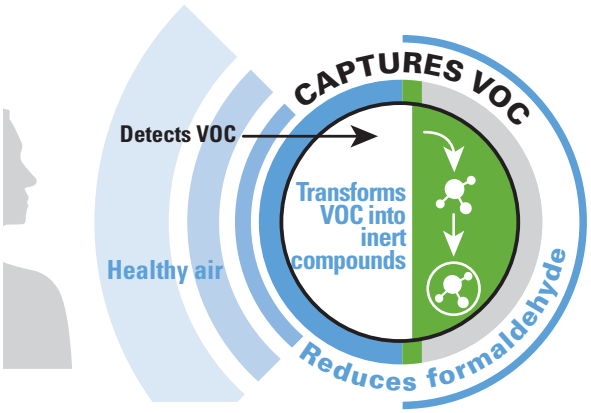
Rating 3

- ✓ Pollution Reduced
- × Bacteriostatic
- ✓ VOC Low Emission
- ✓ CO_2 Emission ≤ 250 g/kg
- × Recycled Regional Mineral ≥ 30%

1. For Grouting. Biogesso transforms into a creamy, lump-free product with a plastic consistency. Guarantees superior adhesion, making it ideal for grouting of plasterboard panels.
2. For Finishing. Biogesso is easy to apply and ensures high coverage. gives quality finishes without overlap. Quick drying and fast sanding.
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.

kerakoll

Better indoor air quality, better health



→ angiaVOC WALL SYSTEM
- 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
- 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.

→ 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. G22084).

Instructions for use

→ Preparation of substrates
The substrate must be compact, dry and clean, i.e. free from dust and grease. Any loose and flaky parts such as residual traces of gypsum or old paint must be removed in a suitable manner. Sheets to be levelled must be well anchored to the substrate.
Flaking supports: strengthen flaking or loose supports with Rasobuild Eco Consolidante.

→ Instruction for use
It is prepared by scattering the product evenly into a recipient containing clean water, until a dry ridge is formed; leave the mixture to stand for a couple of minutes, then mix by hand or with a low-rev, mechanical stirring device without adding any more powder, until a smooth, lump-free mixture with the required consistency is obtained.
Do not add powder or any other substance to thicken.
Do not re-use material that has started to set, adding water will not make the mixture usable again.
Use between +5 °C and +30 °C.

→ Application
it is important to use Biogesso Stucco mangiaVOC at a constant environmental temperature and relative humidity, that will not cause the panels to dilate.
As a grout and finishing coat: grouting/filling of the joints between sheets must be reinforced using special mesh or micro perforated paper. Biogesso Stucco mangiaVOC when used as a finishing product involves application of a first coat of product on the laying substrate, which must be suitably prepared, using a stainless steel or round edged plastic spreader, pressing firmly to guarantee adhesion and expel any air. Then apply the next coats until the required aesthetic quality texture is obtained.
As an adhesive: according to the irregularity of the substrate, Biogesso Stucco mangiaVOC can be applied in spots, as an external rim with central spots or using a suitable toothed spreader to form a solid bed directly on the panel. The slabs must be pressed firmly onto the support so as to distribute the adhesive as evenly as possible to guarantee total adhesion of the slab itself.
Laying and any adjustment of the panels must always be carried out when the adhesive is fresh and just laid: any movement or adjustment of the panels once drying has started may cause the adhesion to be poor or the panels to come loose.

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 13963-3B, A1 fire classification class under EN 13501-1.
Biogesso Rasa&Decora mangiaVOC coverage ≈ 1 kg/m² per mm of thickness.

Technical Data compliant with Kerakoll Quality Standard		
Appearance	Fine white pre-mixed	
Apparent volumetric mass	≈ 0.78 kg/dm³	UEAtc/CSTB 2435
Mineralogical nature of inert material	carbonate	
Grading	≈ 0 – 60 µm	
Shelf life	≈ 6 months from production in the original sealed packaging, protect from humidity	
Pack	Bags 5 kg	
Mixing water	≈ 3.5 l / 1 bag 5 kg	
Specific weight of the mixture	≈ 1,61 kg/dm³	UNI 7121
Pot life	≥ 40 min.	
Temperature range for application	from +5 °C to +30 °C	
Maximum thickness obtainable by coat	3 mm	
Coverage	≈ 1 kg/m² 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 absorbency level of the substrate and of the materials laid.

Performance		
VOC Indoor Air Quality (IAQ) - Volatile organic compound emissions		
Conformity	EC 1 plus GEV-Emicode	Cert. GEV 5005/11.01.02
HIGH-TECH		
Reaction to fire	class A1	EN 13501-1
Substrate adhesion	> 0.3 N/mm²	Dual-purpose compound
Conformity	3B	EN 13963

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
→ adding any other substance would impair the quality of the product which is guaranteed by its all-natural origins
→ 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

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