

Rasobuild® Eco Consolidante



Eco-friendly stabilizing agent to strengthen old and fragmented plaster/render coats, ideal for use in GreenBuilding. Water-based, solvent-free product that safeguards the health of both operators and the environment.

Rasobuild® Eco Consolidante penetrates deep into highly porous substrates with excessive surface dusting to strengthen and consolidate them. Improves the adhesion of subsequent application cycles.



GREENBUILDING RATING®

Rasobuild® Eco Consolidante
 - Category: Liquid organic products
 - Protection and decoration

Very low VOC emissions
 Water-based formulation
 Solvent-free
 No environmental hazard rating
 Non-toxic and non-hazardous

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- Strengthens inconsistent, flaking and soft substrates
- Stops surface chalking on plaster/render coats and masonry work
- Reduces and regulates the water absorption of highly porous substrates
- Improves the adhesion of finishing coats based on air-hardening and hydraulic binders
- Can be applied with a brush, roller and spray
- Internal, external

ECO NOTES

- Water-based, limits the risk of loads that could be harmful and dangerous to the environment during storage and transportation
- Improved on-site safety guaranteed

AREAS OF USE

Use
 Professional, water-based, stabilizing consolidant for flaking plaster/render coats and masonry work before the finishing coat with finishing products from the Rasobuild® Eco range.
 Insulating product suitable to neutralize the expansive chemical reaction of gypsum- and anhydrite-based substrates in contact with mineral mortars.

Products suitable for overlaying:
 - finishing products and cement plaster/render, cement, lime, natural lime, gypsum

For internal and external use.

Do not use
 As a screed consolidant for laying ceramic or wood.

INSTRUCTIONS FOR USE

Preparation of substrates
 Porous substrates with a limited level of cohesion must in any case be compact and absorbent, free from dust, oil, and grease, free from moisture rising, with no loose debris or flaky parts. Varnishes and paints must be removed completely. The substrate must be stable, non-deformable and with no fracturing cracks. Gypsum based plasters must have a ≤ 1% residual humidity measured with a calcium carbide hygrometer.

* 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

Rasobuild® Eco Consolidante is ready-to-use for wall applications as a consolidant and leveller of wall substrates and plasterboard sheets. Shake the can well before opening in order to re-disperse the product evenly. For internal and external application.

Application

Apply a fine, uniform coat, preferably using a short bristle, synthetic fibre roller or brush. Apply a second coat criss-crossing the direction of the first. On highly porous substrates it is possible to apply Rasobuild® Eco Consolidante in more layers, wet-on-wet, until saturation. It is also advisable to apply using a manual low-pressure spray.

Cleaning

Rasobuild® Eco Consolidante can be removed from tools and other surfaces by washing them with water before the product hardens.

SPECIAL NOTES

The application of Rasobuild® Eco Consolidante on absorbent walls improves the workability of the finishing products.

ABSTRACT

The consolidation and levelling of plasterboards and internal and external wall substrates, such as lime based finishing coats and plasters, cement-lime mortar plasters/renderers, new or old gypsum based and made with conglomerate cement elements should be done with ready-to-use stabilizing agent with a high level of penetrating power, eco-friendly water-based GreenBuilding Rating® 5, such as Rasobuild® Eco Consolidante by Kerakoll Spa. Apply one or more coats depending on the type of porosity, the grade of cohesion and the uniformity of the substrate with a coverage per coat of 0.2–0.4 kg/m².

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	white liquid
Specific weight	≈ 1 kg/dm ³
Shelf life	≈ 18 months from production in the original sealed packaging
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Pack	25 - 5 kg cans
Dilution ratio	ready-to-use
Viscosity	≈ 12 mPa · s, rotor 1 RPM 100 Brookfield method
pH	≈ 8.22
Temperature range for application	from +5 °C to +35 °C
Waiting time before laying	≥ 4 hrs
Coverage per coat	≈ 0.2 – 0.4 kg/m ²

Values taken at +20 °C, 65% R.H. and no ventilation.

PERFORMANCE

VOC INDOOR AIR QUALITY (IAQ) - VOLATILE ORGANIC COMPOUND EMISSIONS

Conformity	EC 1 plus GEV-Emicode	GEV Certified 7736/11.01.02
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WARNING

- Product for professional use

- abide by any standards and national regulations
- check that the substrate is perfectly clean, dry, and absorbent
- if the product has been washed away or removed mechanically, it will have to be replaced by a further application
- do not use as a waterproofing product
- 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.



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