Primer A Eco

Certified, eco-friendly, water-based surface isolation for dry, absorbent mineral/cement/gypsum or anhydrite-based substrates, ideal for use in GreenBuilding. Single-component, solvent-free and with very low volatile organic compound emissions. Safeguards the health of both operators and the environment.

Primer A Eco develops an isolating, cohesive film which neutralizes the expansive chemical reaction of gypsum- or anhydrite-based substrates in contact with mineral mortars and adhesives. Reduces and regulates the absorption of highly porous substrates.

GREENBUILDING RATING®

rating5

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

- For internal use
- Solvent-free
- Efficient dust-proof action
- Extends the workability of mineral adhesives and levelling products
- Suitable for underfloor heating systems

AREAS OF USE

Use
Creation of a suitable barrier to neutralize the expansive chemical reaction of gypsum and anhydrite-based substrates before laying ceramic tiles with mineral or cement-based adhesives and/or correction of absorption of highly porous substrates.
Materials:
- gel adhesives, mineral adhesives, dispersed organic mineral adhesives
- cement-based and dispersed adhesives
- mineral finishing, levelling and self-levelling products
- cement or gypsum-based finishing and levelling products and plasters

Substrates:
- gypsum and cement-based plasters
- mineral screeds
- anhydrite and cement-based screeds
- gypsum brick and plasterboard panels
- high-density chipboard, cellular concrete
- prefabricated concrete and fresh concrete castings

On internal floors and walls, even in areas which are damp, on external walls.

Do not use
On external flooring as waterproofing product for metallic, unstable wood and wet substrates or those subject to moisture rising.

INSTRUCTIONS FOR USE

Preparation of substrates
Substrates must be compact, smooth and absorbent, free from dust, oil and grease, free from moisture rising, with no loose and inconsistent debris. Varnishes and paints must be removed completely. The substrate must be stable, non-deformable and with no cracks. Plasters with a gypsum base must present a residual humidity ≤ 1% and screeds with an anhydrite base ≤ 0.5%, both of which should be measured with a carbide hygrometer.

Preparation
For applications to walls and floors as a surface isolation to neutralize the expansive chemical reaction of gypsum or anhydrite-based

* 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).

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INSTRUCTIONS FOR USE

plasters/renders and screeds in contact with cement-based products: apply Primer A Eco diluted to the ratio 1: 2 with clean water to improve penetration of the primer into the substrate; after it has completely dried apply a second coat of undiluted Primer A Eco . Shake the can well before opening in order to redisperse the liquid evenly. For compact, low-absorption substrates of any kind, apply two coats of Primer A Eco diluted 1 : 1 with water to guarantee the best possible penetration. Dilute Primer A Eco with clean water up to a 1:3 ratio to reduce and regulate the absorption of water or suppress dust in highly porous substrates to improve the penetration of the priming coat in the substrate. Prepare in a bucket the quantity of water required for dilution, then add Primer A Eco according to the indicated ratio. Mix briefly before use.

APPLICATION
Apply a fine, uniform film, preferably using a short bristle, synthetic fibre roller or brush. Apply a second coat criss-crossing the direction of the first. The distinct green colouring of Primer A Eco allows the user to check whether the application is complete and uniform. Apply several coats to more porous substrates, waiting until the previous coat has dried completely before proceeding with the next. Do not pour the product straight onto the floor; do not allow the stagnant Primer A Eco build a surface film on the floor.

Cleaning
Primer A Eco can be removed from tools and other surfaces by washing them with water before the product hardens.

SPECIAL NOTES

After applying Primer A Eco and before laying the surface covering, check if the moisture content of the substrate is suitable for the type of covering selected. Applying Primer A Eco to absorbent substrates improves the workability of finishing and levelling products and is a necessity when applying self-levelling products, especially when these are of reduced thickness.

ABSTRACT

Certified preparation of gypsum or anhydrite-based substrates before laying mineral or cement-based adhesives, mineral or cement-based finishing, levelling or self-levelling products, with eco-friendly, single-component, water-based surface isolation with GreenBuilding Rating® 5, such as Primer A Eco by Kerakoll Spa. Apply with a roller or brush for an average coverage of ≈ 0.15 – 0.25 kg/m². The substrate must be perfectly clean, dry and free from moisture rising.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	Green liquid	
Specific weight	≈ 0,99 kg/dm³	
Shelf life	≈ 12 months in the original packaging	
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat	
Pack	25 / 5 kg cans – 1 kg bottles	
Dilution ratios:		
- isolation product for gypsum and anhydrite	ready to use / 1 part Primer A Eco : 1 part water	
- regulation of absorption	1 part Primer A Eco : 2 – 3 parts water	
Viscosity	≈ 17.9 mPa · s, rotor 1 RPM 100	Brookfield method
pH	≈ 7,5	
Temperature range for application	from +5 °C to +35 °C	
Minimum waiting time before laying:		
- isolation product for gypsum and anhydrite	≥ 4 hrs	
- regulation of substrate absorption	≥ 1 hr	
Maximum waiting time before laying	≤ 24 hrs	
Coverage	≈ 0,15 – 0,25 kg/m²	

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site: temperature, ventilation and absorbency level of the substrate.

Primer A Eco Code: F110 2019/07-EN

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PERFORMANCE

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

Conformity	EC 1 plus GEV-Emicode	GEV certified 1230/11.01.02

WARNING

- **Product for professional use**
- abide by any standards and national regulations
- do not apply on roughened substrates or substrates which require heavy thicknesses of product
- make sure the substrate is perfectly clean, dry and compact
- If the product has been washed away or removed mechanically, it will have to be replaced by a further application
- check substrate adhesion before overlaying
- do not use as a waterproofing product
- use a calcium carbide hygrometer to measure and ensure that the humidity of the gypsum is ≤ 1% and of the anhydrite ≤ 0.5% at the moment of laying. Follow the manufacturer's instructions
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service 0536.811.516 – globalservice@kerakoll.com

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