

Professional, superior technology, concentrated water-base surface insulation product that neutralizes the expansive chemical reaction of gypsum or anhydrite-based plasters and screeds on contact with cement-based adhesives. Reduces and regulates the absorption of water in highly porous substrates, stabilizing the surface consistency by suppressing the dust.



PRIMER A

TOTAL PROTECTION OF GYPSUM – In the presence of moisture, substrates with a calcium sulphate base trigger an expansive chemical reaction that impairs the stability of the covering on contact with mortars containing aluminates and calcium silicate hydrates. The PRIMER A technology creates a cohesive insulating film that fully protects gypsum or anhydrite substrates, guaranteed by the specific and chemically stable polymers dispersed in water.

REGULATES ABSORPTION AND SUPPRESSES DUST – Substrates with a gypsum or anhydrite base and cement-based screeds and mortars very often present high absorption levels and form high amounts of surface dust, preventing them from achieving professional laying performance. The PRIMER A technology acts through the specific adhesion-promoting polymers with high molecular weight that regulate water absorption and consolidate the substrate surface, thereby guaranteeing fast, safe laying.

NATURAL, WATER-BASED – PRIMER A does not give off fumes that may be harmful to humans or to the environment. Hence, it can be safely used with no contraindications in indoor environments. The PRIMER A technology ensures excellent workability in all conditions thanks to the wide water dilution range, depending on the specific characteristics of the substrate.

Developed by the Research and Development Division and guaranteed by the Training Center.
Compliant with the CARE Project for the Protection of Health and the Environment:
Substrates Division (Method M1 – Action F100).

PRIMER A

AREAS OF USE

Professional, concentrated water-base insulation product for gypsum and anhydrite substrates before ceramic tiles are laid using cement-based adhesives or before paint is applied to walls.

Products suitable for overlaying:

- cement-based and dispersed adhesives
- cement or gypsum-based finishing and levelling products and plasters
- paints

Substrates:

- gypsum and cement-based plasters
- cement and anhydrite-based screeds
- plastered brickwork and plasterboard panels
- high-density chipboard, cellular concrete
- prefabricated concrete and fresh concrete castings

Use

Indoor flooring and walls, even in damp areas, and outdoor walls.

Do not use

On outdoor flooring as waterproofing product for metallic, unstable wood and wet substrates or those subject to moisture rising.

PREPARATION OF SUBSTRATES

The substrate must be compact, smooth and absorbent, free from dust, oil and grease, free from any rising damp, with no loose or flaky parts. 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 $\leq 1\%$ and screeds with an anhydrite base $\leq 0.5\%$, both of which should be measured with a carbide hygrometer.

INSTRUCTIONS FOR USE

Preparation

PRIMER A is ready for use and can be applied to walls and floors as a surface insulation product to neutralize the expansive chemical reaction of gypsum or anhydrite-based plasters and screeds in contact with cement-based products. Shake the can well before opening in order to redisperse the liquid evenly.

Dilute PRIMER A with clean water up to a 1:2 ratio to reduce and regulate the absorption of water or suppress dust in highly porous substrates. In other applications, the product can be further diluted (up to 1:3) to improve the penetration of the priming coat to the substrate. Pour the required quantity of water needed to dilute the product into a bucket, then add PRIMER A 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 colour of PRIMER A allows the user to check immediately if the surface has been fully and evenly covered. 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 stagnant PRIMER A to build up on the surface and check that a surface film does not form.

Cleaning

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

SPECIAL NOTES

After applying PRIMER A 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 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

Before laying adhesives, finishing and levelling products or cement-based self-levelling products, gypsum or anhydrite-based substrates must be prepared with a professional, concentrated, water-base and superior-technology surface insulation product such as PRIMER A manufactured by Kerakoll. Apply with a roller or brush for an average coverage of $\approx 0.15 - 0.25 \text{ kg/m}^2$. The substrate must be perfectly clean, dry and free from rising damp.

TECHNICAL CHARACTERISTICS

Appearance	Green liquid	
Specific weight	≈ 0.99 kg/dm ³	
CARE	Method M1 – Action F100	
Storage	≈ 12 months in the original packaging	
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat	
Packaging	Cans 25 / 5 kg	

TECHNICAL DATA compliant with Kerakoll Quality Standard

Dilution ratios:		
- insulation product for gypsum and anhydrite	Ready-to-use	
- regulation of substrate absorption	1 part PRIMER A : 2 – 3 parts water	
Viscosity	≈ 17.9 mPa · s, rotor 1 RPM 100	Brookfield method
pH	≈ 9.65	
Temperature range for application	from +5 °C to +35 °C	
Waiting time before laying	≥ 4 h	
Coverage	≈ 0.15 – 0.25 kg/m ²	

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.

WARNING

- **Product for professional use**
- 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 further application
- do not use as a waterproofing product
- use a 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 further information please consult the **Kerakoll Worldwide Global Service +39-0536.811.516**



THE KERAKOLL GLOBAL SERVICE

Wherever you are, and whatever your project needs are, you can always rely on the Kerakoll Service: highly-efficient, global customer support matching the high quality of our products.

Technical Service +39-0536.811.516 - Technical assistance in real time

Training Service - Professional training to support our quality

Guarantee Service - A long-lasting warranty

Kerakoll.com - The channel of choice for your projects



KERAKOLL QUALITY STANDARD

In all units of the Kerakoll Group, before being considered suitable for production, products undergo stringent testing in accordance with the very high requirements set by the Kerakoll Quality Standard: a process supported by the Centre for Applied Technology which assists the work of researchers with its sophisticated resources and laboratories. At the Kerakoll laboratories the various elements of formulations are carefully analysed to identify and eliminate any factors of weakness by means of simulation of real working conditions in building sites. After the testing cycles, the new products are submitted to the extreme fatigue of the Safety-Test process.



SAFETY, HEALTH AND THE ENVIRONMENT

For an industrial system such as Kerakoll it is vitally important to ensure that human health and the environment are protected. The Kerakoll company policy is to ensure that every possible safeguard be taken to make sure that these factors are always considered, and regulations and specific methods have been developed over the years for this purpose at all levels of the organisation. The CARE Project is the result of the Group's concern for human health and the environment, and ensures that the Group's products are perfectly safe for use and that the building materials supplied to builders ensure a very high level of safety before, during and after their use.

The information 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 our Company in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.

© Kerakoll is a trademark owned by Kerakoll International Rotterdam - The Netherlands

Code F110/2004-I



KERAKOLL
SUPERIOR BUILDING TECHNOLOGY

T +39-0536.816.511

E info@kerakoll.com

F +39-0536.816.581

W www.kerakoll.com