Active Prime Fix

Rapid universal adhesion promoter for self-levelling products, cement-based adhesives, finishing products and plasters/renders.



Active Prime Fix's active cross-link develops total compatibility with absorbent and non-absorbent substrates, and guarantees maximum adhesion when overlaying with cement-, and gypsum-based mineral products. Single-component, water-based, for internal and external use.

1. **Extremely fluid, high stabilizing and impregnating power**
2. **Suitable for absorbent and non-absorbent substrates**
3. **Rapid drying**
4. **Ideal also for the surface consolidating treatment of dry, dusty substrates**
5. **Reduces and regulates the absorption of porous substrates, extending the workability of levelling and self-levelling products and mineral adhesives**
6. **Suitable to neutralize the expansive chemical reaction of gypsum- and anhydrite-based substrates in contact with self-levelling products, adhesives, finishing products and mineral plasters/renders**

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Areas of application

→ Intended use
Preparation of absorbent or non-absorbent substrates before the laying of self-levelling and levelling products, mineral and cement-based adhesives, finishing products, plasters/renders and fluid mortars, in order to improve their adhesion to the substrate. Adjustment of the absorption of highly porous substrates before laying ceramic tiles with mineral and cement-based adhesives and before applying levelling products, finishing products, plasters/renders and cement- and gypsum-based self-levelling products. Creation of a suitable barrier to neutralize the expansive chemical reaction of gypsum- and anhydrite-based substrates. For internal and external use.
Products suitable for overlaying:
- fluid, mineral mortars and fluid mortars
- mineral adhesives and cement-based adhesives
- cement and gypsum-based finishing, levelling and self-levelling products
- cement and gypsum-based plasters/renders
- rainproof waterproofing products from the Bioscud range

Substrates:
- ceramic floors and coverings, marble tiles, natural stone
- flooring in concrete smoothed with circular grinding machinery
- compact and firm cement- and anhydrite-based screeds
- prefabricated concrete and fresh concrete castings
- wooden panellings
- hardwood floors
- gypsum brick and plasterboard panels
- substrates in metal on rigid supporting surfaces
- flooring with residual traces of resin-base adhesives
- flooring in epoxy resin
- varnishes
- rigid PVC floors and coverings

Do not use on high flexible substrates or substrates which may present a risk of strong dimensional movement, on substrates which are moistened or subject to moisture rising, for overlaying of mortars and plasters/renders with semi-dry consistency and high grain size, directly on cement-, gypsum- or anhydrite-based substrates where bleeding is present, on magnesian substrates.

Instructions for use

→ Preparation of substrates
In general, substrates must be free from dust, oil and grease, free from moisture rising, with no loose, flaky or imperfectly anchored parts such as residues of cement, lime, varnishes and adhesives, which must be completely removed. In particular, surface treatments of certain types of material such as waxes for resilient materials, marble floor tiles, hardwood floors, concrete parting compounds and sheet-metal oils must be completely removed. Varnishes, paints and adhesives must be removed by mechanical means in those cases where they can be removed easily, leaving only the parts which are well anchored to the substrate. Absorbent substrates must be compact, firm and with no loose or friable areas. Cement-, gypsum- and anhydrite-based self-levelling substrates may present laitance or a powdery surface.
Sand with a large-grain abrasive in order to remove bleeding and then remove the dust.
Plasters with a gypsum base must present a residual humidity ≤ 1% and screeds with an calcium sulphate base ≤ 0.5%, both of which should be measured with a carbide hygrometer.

→ Preparation
When applying on non-absorbent substrates, mix briefly before use in order to homogenize the product. Active Prime Fix is immediately ready to use.
In case of gypsum- or anhydrite-based substrates sand the surface remove dust et apply Active Prime Fix diluted with clean water up to the ratio 1:3 to improve penetration of the primer into the substrate; after it has completely dried, apply a second coat of pure Active Prime Fix.
For compact, low-absorption substrates, apply two coats of Active Prime Fix pure or diluted 1:2 with clean water.
Dilute Active Prime Fix with clean water up to a 1:4 ratio to reduce and regulate the absorption of water of highly porous substrates or to bind dust surfaces.
Pour the required quantity of water needed to dilute the product into a bucket, then add Active Prime Fix according to the indicated ratio. Mix briefly before use.

Instructions for use

→ **Application**
Dip the roller or the flat brush into the container and lay an even quantity. Subsequently, repeat the operation on the same surface, with a pass perpendicular to the first. Proceed in this manner until the substrate has been covered completely.
Before overlaying, wait until the film has completely hardened (approx. 30-60 minutes at +23 °C, 50% R.H.).

→ **Cleaning**
Residual traces of Active Prime Fix can be removed from tools using water before the product hardens.

Special notes

→ **After applying Active Prime Fix and before laying, check if the moisture content of the substrate is suitable for the type of covering selected. Applying Active Prime Fix on absorbent substrates improves the workability of finishing and levelling products; it is essential when applying self-levelling products, especially low-thickness ones.**

Abstract

Certified preparation of cement-, gypsum- and anhydrite-based absorbent or non-absorbent substrates before the laying of self-levelling products, mineral and cement-based adhesives, finishing products, plasters/renders and fluid mortars, will be carried out with a water-based adhesion promoter such as Active Prime Fix by Kerakoll Spa. Apply with a medium-bristle synthetic fibre roller. Average coverage must be ≈ 0.1 – 0.2 kg/m². The substrate must be perfectly clean, dry and free from bleeding and moisture rising.

Certificates and marks

EPD-IES-0007650
environdec.com

ÉMISSIONS DANS L'AIR INTÉRIEUR A+

** 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).*

Technical Data compliant with Kerakoll Quality Standard		
Appearance	light blue liquid	
Shelf life	≈ 12 months from production in the original sealed packaging	
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat	
Pack	1 kg bottles - 5 kg buckets - 25 kg cans	
Specific weight	≈ 1.01 kg/dm³	
Viscosity	≈ 60 mPa · s, rotor 2 RPM 100	Brookfield method
pH	≈ 7.5	
Temperature range for application	from +5 °C to +35 °C	
Waiting time before laying	between ≈ 30-60 min. and 48 hrs	
Coverage	≈ 0.1 – 0.2 kg/m²	

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 14645/11.01.02
HIGH-TECH		
Adhesion to concrete after 7 days	≥ 3.0 N/mm²	
Tensile strength on glazed tiles:		
- after 24 hrs	≥ 2.0 N/mm²	
- after 7 days	≥ 2.5 N/mm²	
Shear strength on glazed tiles:		
- after 24 hrs	≥ 1.5 N/mm²	
- after 7 days	≥ 2.0 N/mm²	

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

Warning

→ 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
→ respect the indicated uses
→ do not add binders, inert materials or additives
→ 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 promoter for plasters, mortars and screeds with semi-dry consistency or high granulometric grading
→ do not apply on substrates which present a high degree of deformability or thermal expansion
→ if necessary, ask for the safety data sheet
→ for any other issues, please contact the Kerakoll Worldwide Global Service - info@kerakoll.ae

This information was last updated in April 2026; 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.

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