

Aquastop Fix

Certified, eco-friendly, mineral sealant for waterproof, high-adhesion sealing, ideal for use in GreenBuilding. Single-component with very low volatile organic compound emissions. Recyclable as an inert material at the end of its life.

Aquastop Fix develops a fine mixture of extended workability and totally water repellent, guaranteeing the waterproof adhesion of Laminate No Crack Waterproof components and accessories.



GREENBUILDING RATING®

Aquastop Fix
 - Category: Inorganic mineral products
 - Preparation of the substrates
 - Rating: Eco 2

				 Very low VOC emissions	 Can be recycled as inert material

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- Internal, external
- It guarantees the same very high adhesion values of mineral gel adhesives
- 5 kg paper bag
- Innovative technology with complete hydrophobicity and high chemical resistance
- Pre-mixed, easy-to-identify green mineral
- No longer at risk from rain in a very short time

ECO NOTES

- Can be recycled as mineral inert material, avoiding waste disposal costs and environmental impact

WHAT IS LAMINATE NO CRACK

- 1. It is a tricomposed membrane:** Green-Pro is the result of innovative design aimed at the optimization of contact surfaces: a three-dimensional reinforcing mesh system composed of polymer fibres and a special non-woven fabric guarantees higher adhesion with the Biogel® Revolution or Biogel® No Limits® gel adhesives when used for the laying of the membrane and the bonding of the coating.
- 2. It's a gel adhesive:** the Biogel® Revolution or Biogel® No Limits® gel adhesives applied to the membrane creates the Laminate No Crack; its fluid and thixo consistency with total wettability ensures the structural adhesion of the Green-Pro non-woven fabric creating the 1st lamination layer. When the tiles are laid, the mineral matrix of the gel adhesive captures and envelopes the fibres of the three-dimensional reinforcing mesh, generating the 2nd lamination; the selective bonds with extremely high shear adhesion produce a physical-mechanical structural fusion.
- 3. It's an innovative technology:** unlike the old anti-cracking systems, Laminate No Crack creates a single body with no stresses between the substrate and the coating, ensuring shear adhesion and cohesion performances never achieved before. The revolutionary Laminate No Crack guarantees the safety of uncoupling, anti-cracking, waterproof laying vapour releasing even in the most extreme weather conditions.

The Green-Pro membrane is used in the following systems:
Laminate No Crack Waterproof – anti-cracking, high-adhesion and superior durability waterproofing system which guarantees immediate laying of ceramic tiles and natural stone even on cracked substrates that may contain vapour pressure for residual substrate moisture content;
Laminate No Crack Uncoupling – uncoupling, anti-cracking, high-adhesion and superior durability laying system which guarantees immediate laying of ceramic tiles and natural stones even on cracked substrates that may contain vapour pressure due to residual substrate moisture content.

See the Laminate No Crack technical notes, available on www.kerakoll.com.

AREAS OF USE

Use

On Aquastop 120 sealing in perimeter joints and between adjacent Green-Pro sheets in the Laminate No Crack Waterproof system.

Balconies, terraces and horizontal external surfaces of any size.

Do not use

For the bonding of ceramic tile. On bitumen, PVC, wood, polycarbonate, glass, plastic or metal substrates.

INSTRUCTIONS FOR USE

Preparation of substrates

In general, substrates must comply with BS 5385 parts 1-5, be free from dust, oil and grease, dry and free from any rising damp, with no loose, flaky or imperfectly anchored parts such as residual traces of cement, lime and paint, which must be totally removed.

Preparation

Prepare Aquastop Fix in a clean container, first of all pouring in a quantity of water equal to approximately $\frac{3}{4}$ of the amount required. Gradually pour Aquastop Fix into the container, mixing the paste from the bottom upwards with a low-rev (400/min.) electrical mixer. Add more water until the desired consistency is obtained. The mixture must be of smooth consistency and without any lumps. The amount of water to be added, indicated on the packaging, is an approximate guide. Adding extra water does not improve the workability of the eco-friendly sealant but may cause shrinkage in the plastic phase of drying and result in less effective final performance with a reduction in compressive and shear strength and adhesion to the substrate.

Application

Perimeter joints: apply the eco-friendly sealant Aquastop Fix on the wall and on the Green-Pro membrane with a smooth trowel by filling in the hollow circular ribs for around 10 centimetres in width and apply Aquastop 120 on the fresh sealant by following the wall-floor joint. Press firmly and smooth over to ensure the tape seals perfectly, being careful not to wrinkle it.

Joints between adjacent sheets: apply the eco-friendly sealant Aquastop Fix along the joints with a smooth trowel for at least 20 centimetres in width by filling in the hollow circular ribs and leaving a thin, even layer. Fix Aquastop 120 to the fresh sealant, following the joint between sheets. Press firmly and smooth over to ensure the tape seals perfectly, being careful not to wrinkle it.

The subsequent laying of the coating can be carried out immediately. If rain falls on the product before it is fully hardened, check the adhesion of Aquastop 120 tape carefully.

Cleaning

Residual traces of Aquastop Fix can be removed from tools with plain water before the product hardens.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	sealing green pre-mixed	
Apparent volumetric mass	1.35 kg/dm ³	
Mineralogical nature of inert material	silicate	
Shelf life	≈ 12 months in the original packaging in dry environment	
Pack	bags 5 kg	
Mixing water	≈ 1.1 ℓ / 1 x 5 kg bag	
Specific weight of the mixture	≈ 1.65 kg/dm ³	UNI 7121
Grading	≈ 0 – 500 μm	
Pot life	≥ 2 hrs	
Temperature range for application	from +5 °C to +35 °C	
Maximum thickness obtainable	≤ 5 mm	
Open time	≥ 20 min.	
Waiting time before laying covering	immediate	
Setting time	≥ 6 hrs	
Interval before normal use	≈ 3 days	
Coverage*	≈ 0.8 kg/m ²	

* The indicated data is an average value based on our building site experiences. Can vary depending on the geometry of drains, systems, construction details ...
Values taken at +23 °C, 50% R.H. and no ventilation.

PERFORMANCE

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

Conformity	EC 1-R GEV-Emicode	GEV certified 2111/11.01.02
HIGH-TECH		
Water absorption after 30 min.	0.10 g	EN 12808-5
Water absorption after 240 min.	0.18 g	EN 12808-5
Water-resistance	no penetration	EN14891-A.7

Values taken at +23 °C, 50% R.H. and no ventilation.

WARNING

- **Product for professional use**
- abide by any standards and national regulations
- see the Laminate No Crack technical notes, available on www.kerakoll.com
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service 01527 578000 - info@kerakoll.co.uk

The Eco and Bio classifications refer to the GreenBuilding Rating® Manual 2012. This information was last updated in August 2018 (ref. GBR Data Report - 08.18); 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.