



AQUATUTOR® DRAIN KOLL

Single-component technical adhesive, modified polymer-based with a cementitious binder, fiber-reinforced, waterproof, and fast-drying, specifically designed for bonding GRIGOJOINT and DRAINROLL tapes. These tapes are used for connecting and sealing the joints between GRIGODRAIN 3 and DRAINTECH waterproofing membranes.

Product Description

Single-component technical adhesive, modified polymer-based with a cementitious binder, fiber-reinforced, waterproof, fast-drying, and highly deformable, specifically designed for bonding GRIGOJOINT and DRAINROLL tapes. These tapes are used for joining and sealing vertical and horizontal joints between adjacent membranes, as well as around corners and edges, ensuring a watertight connection between GRIGODRAIN 3 and DRAINTECH waterproofing membranes.

Professional-use product.

Area of use

indoor- outdoor application

Application

Bonding of GRIGOJOINT tape for joint bridging and sealing of the GRIGODRAIN 3 uncoupling and waterproofing membrane.

Bonding of DRAINROLL tape for joint bridging and sealing of the DRAINTECH waterproofing membrane.

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Main Features

- Excellent waterproof performance
- High deformability and flexibility
- Outstanding adhesion
- Fast drying
- Reduced final thickness
- Thixotropic, trowelable mix with excellent workability
- Adjustable rheology according to the desired consistency
- Suitable for professional applications requiring reliable sealing and joint waterproofing performance

Intended use

Waterproofing and uncoupling sheets and membranes for interior and exterior surfaces, to be installed onto the substrate using a suitable cement-based adhesive, specifically designed for use beneath ceramic tile coverings.

Suitable for:

Balconies, terraces, and flat roofs

Spa facilities and wellness centers

Bathrooms, shower enclosures, laundry rooms, technical rooms, and laboratories

Compatible Substrates

GRIGODRAIN 3 uncoupling and waterproofing membrane

DRAINTECH waterproofing membrane

Compatible Coverings

Single-fired ceramic tiles, Double-fired ceramic tiles, Majolica tiles, Terracotta tiles, Stoneware tiles, Porcelain stoneware, Marble-effect porcelain stoneware, Clinker tiles, Natural stone, Marble, Reconstituted stone, Cement tiles, Ceramic mosaics, Glass mosaics

Application Temperature

from +5°C to +35°C

Mix Preparation

Pour the correct amount of clean water (1.1–1.2 litres per 5 kg bag) into a suitable mixing container. Gradually add DRAIN KOLL while mixing with a low-speed electric mixer until a smooth, lump-free consistency is obtained.

Allow the mixture to stand for approximately 5 minutes, then remix briefly before application.

Adhesive Application

Using the smooth side of the trowel, apply an initial coat of DRAIN KOLL® onto the membrane over a width of approximately 15 cm, centered on the joint, to ensure perfect adhesion to the waterproofing membrane.

Comb the adhesive with a 3 mm or 5 mm notched stainless-steel trowel to achieve a uniform adhesive layer with a thickness of approximately 2–3 mm.

Place the GRIGOJOINT or DRAINROLL tape onto the fresh adhesive.

Using a smooth stainless-steel trowel, press the tape firmly into the adhesive to ensure complete wetting, perfect bonding, and a flat, wrinkle-free finish.

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Tape overlaps should be carried out using the same application method, providing a minimum 10 cm overlap at each joint.

Application Thickness

Maximum thickness per coat - 3 mm

Maximum final thickness - 4 mm

Minimum overall thickness - 2 mm

Consumption

0,15 – 0,30 kg/m per incollaggio bandella da 12 cm

Waiting Time Before Installing Tiles and Natural Stone

24-48 hours

Warnings

Apply only on substrates that are clean, sound, compact, fully cured, intact, dry (maximum substrate moisture content: 4%), sufficiently stable, and free from rising damp.

Smooth or wax-treated surfaces, as well as particularly smooth and non-absorbent substrates such as cement tiles, marble, natural stone, and engineered stone, must be properly prepared by suitable surface abrasion prior to application.

Do not apply on substrates exposed to direct sunlight, with standing water, or in the presence of ice or frost.

Protect the membranes from rain, water exposure, frost, and direct sunlight for 12–24 hours after installation.

Always consult the Safety Data Sheet (SDS) before use to ensure the product is handled and applied safely and correctly.

For all matters not specifically covered in this document, refer to good construction practice and the applicable technical standards.

- UNI EN 13813 – Screed material and floor screeds – Screed materials – Properties and requirements.
- UNI EN 10329 – Installation of floor coverings – Measurement of moisture content in cementitious or similar substrates.
- UNI 11493-1 – Ceramic tiling for floors and walls – Part 1: Guidelines for design, installation and maintenance.
- UNI 11714-1:2018 – Natural stone cladding for horizontal, vertical and ceiling surfaces – Part 1: Guidelines for design, installation and maintenance.

Packaging

5 kg plastic bags, supplied in cartons containing 4 bags.

Storage

Shelf life: 24 months from the date of manufacture. The expiry date is indicated on the packaging.

Store in a cool, dry place, protected from drafts and excessive ventilation.

Keep the packaging tightly sealed and undamaged.

Use the product before the expiry date indicated on the packaging.

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TECHNICAL DATA	
PREMIXED POWDER	
Color	grey
Solid content	100%
Particle size range	0 – 0.4 mm
Bulk density of powder	1,05 g/dm ³
FRESH MORTAR	
Mixing water	22 – 24 % (1,1 – 1,2 litres per bag)
pH of the mix	≥12
Density of the fresh mortar	1400 kg/m ³
Maturing time (slake time)	5 minutes
Pt life	50 – 60 minutes

v. 05/2026

The reported data refers to Quality Control tests in standard environmental conditions. Practical applications in the construction sites may detect significantly changed data, depending on operating conditions, so the information on the Card is only indicative because the user must always check its suitability for intended use of the product by taking responsibility for the use. Fornaci Calce Grigolin S.p.A. reserves the right to make technical changes of any kind without prior notice.