

Aquastop 200 HP



NBR rubber, under-tile waterproof elastic tape coated on both sides with high-adhesion non-woven polypropylene for structural joints in waterproofing systems on balconies, terraces and flat roofs coated with ceramic tiles and stone material.

Practical and fast to apply cold, Aquastop 200 HP guarantees under-tile continuous waterproofing and compatibility with all Aquastop waterproofing products.

PRODUCT STRENGTHS

- Guaranteed watertightness even for under-tile structural joints subject to strong thermal or dynamic movements
- High elastic deformability with excellent post-stress recovery
- Easy and safe to apply, without heat welding or solvent-based sealants
- Fully compatible with Aquastop waterproofing systems and with all kinds of elastic sealants



AREAS OF USE

Use

Waterproof positive water-resistant sealing of under-tile structural joints on balconies, terraces, flat roofs and street furniture before applying ceramic tiles and stone material with gel-adhesives. walls and floors.

Substrates

Concrete, reinforced concrete, mineral screeds and plasters/renders, old ceramic and stone floorings, metal and wood.

Do not use

- for visible joints,
- for joints subject to direct sunlight and abrasion,
- by negative thrust,
- for joints without suitable protection systems.

INSTRUCTIONS FOR USE

Preparation of substrates

To bond Aquastop 200 HP use Biogel® Extreme, the hybrid gel-adhesive that bonds everything. Refer to Biogel® Extreme technical data sheet for cleaning procedures and checking of substrates.

Preparation

Aquastop 200 HP is ready-to-use. Store the material away from direct sunlight both in the warehouse and on site; protect from direct sunlight even after application and up to the application of suitable protection systems.

Application

Aquastop 200 HP is applied to horizontal and vertical joints by bonding side strips of approximately 5 cm with Biogel® Extreme, the hybrid gel-adhesive that bonds everything.

The structural joints must be arranged in the laying at the joints already present in the structure. The structural joints must necessarily affect both the ceramic coating as well as the substrate in all its thickness. The width of structural joints must take into account that of the corresponding joints already present in the structure.

Using a spreader, apply the gel adhesive on the sides of the floor and wall joints on the already prepared substrate for a width of approximately 5 cm; to avoid reducing the adhesion of subsequent applications, it is recommended to protect with paper tape and remove the tape while it is still wet as soon as the tape has been bonded. If the gel adhesive should protrude from the tape and dirty the substrate, sprinkle with dry and clean quartz on the gel adhesive while it is still wet and check its adhesion before proceeding with any subsequent operation). Fix Aquastop 200 HP on the fresh gel-adhesive (gel adhesive) and press firmly to ensure the tape adheres perfectly, being careful not to wrinkle it. Always provide for the omega fold within the joint of the unbonded part of the tape, in order to achieve a "soft" assembly (the tape must not be bonded while taut). Do not bond the entire width of the tape as it will completely lose its elasticity. Do not cover the tape with the gel adhesive in order to ensure that the subsequent waterproofing products will be properly applied.

On the "T" and "X" junctions and intersections of the joints, to join together several tapes or to make special pieces for angles, corners or connections, provide for the overlapping of the tapes by at least 5 cm and carry out cold welding by bonding with Aquastop Nanosil

* 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).

INSTRUCTIONS FOR USE

organic rigid neutral silane sealant (bonding must be carried out away from the work area; in order to ensure the tapes adhere perfectly, press firmly on the parts to be bonded).

The tape must be bonded without interruption to ensure total waterproofing of the joint: the connection of the edges to the substrate must be carried out around the whole perimeter of the tape, including the end caps. Inappropriate overlaying or connections may lead to infiltrations that will transform the network of joints into a water circulation system.

The Designer and/or the Construction Supervisor will evaluate, according to the slopes of the surfaces on the sides of the joint, the need to install the tape with a longitudinal slope and with suitable rainwater drainage systems to avoid the collection and stagnation of the water itself.

Waterproofing carried out with Aquastop 200 HP cannot remain visible and cannot withstand direct sunlight and/or abrasion; always provide for suitable mechanical protection systems for the joints such as to completely cover the entire width of the tape. In case of surface covering at tile level with elastic sealants, follow the instructions in the technical data sheet of the product used, particularly with regard to joint sizing, maximum achievable width and use of sub-joints.

ABSTRACT

Supply and laying of NBR rubber, under-tile waterproof elastic tape coated on both sides with high-adhesion non-woven polypropylene for structural joints on balconies, terraces and flat roofs such as Aquastop 200 HP by Kerakoll Spa to be bonded with a hybrid gel adhesive that bonds everything such as Biogel® Extreme by Kerakoll Spa. Provide for cold welding of special pieces, joints and connections with an organic rigid neutral silane sealant such as Aquastop Nanosil by Kerakoll Spa.

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	NBR rubber coated on both sides with non-woven polypropylene
Colour	green
Shelf life	≈ 24 months in a dry place, away from sunlight and heat sources
Roll width	≈ 200 mm
Roll length	≈ 30 m (tolerance +2/-1 %)
Total thickness	≈ 0.9 mm
Weight	≈ 190 g/m

PERFORMANCE

HIGH-TECH		
Longitudinal elongation at break:		
- air	≥ 137%	EN 572
- after 28 days in KOH (3%)	≥ 128%	EN 572
Longitudinal breaking load:		
- air	≥ 5.8 N/mm	EN 572
- after 28 days in KOH (3%)	≥ 5.77 N/mm	EN 572
Transversal elongation at break:		
- air	≥ 175%	EN 572
- after 28 days in KOH (3%)	≥ 169%	EN 572
Transversal breaking load:		
- air	≥ 3.84 N/mm	EN 572
- after 28 days in KOH (3%)	≥ 3.61 N/mm	EN 572
Peeling Test after 28 days:		
- at 90° on concrete with Biogel® Extreme	≥ 3.06 N/mm ²	EN 1372
- at 180° with Aquastop Nanosil	≥ 1.89 N/mm ²	EN 11339
Application temperature range	from -20° C to +90° C	

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

WARNING

- **Product for professional use**
- abide by any standards and national regulations
- store away from direct sunlight
- avoid direct sunlight during application and up to the laying of the waterproofing product
- provide for suitable mechanical protection systems for the unbonded part of the tape
- the product is an item according to the definitions of the EC Regulation No. 1907/2006 and therefore does not require a Safety Data Sheet
- for any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - globalservice@kerakoll.com

The Rating classifications refer to the GreenBuilding Rating® Manual 2013. This information was last updated in October 2020; 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.



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