

# Aquastop 100

Polyethylene, waterproof elastic tape coated on both sides with high-adhesion non-woven polypropylene for perimeter, fractionizing-expansion joints with Aquastop Nanoflex® and Aquastop Flex, and to seal perimeter joints and between adjacent sheets of the Green-Pro membrane.



Aquastop 100, practical and quick-to-apply, guarantees continuous waterproofing even at expansion joints.



## PRODUCT STRENGTHS

- High elasticity
- Water-resistant
- Perfectly applicable using suitable eco-friendly adhesives of the Biogel® and Aquastop Fix range



## AREAS OF USE

### Use

Balconies, terraces, swimming pools and horizontal external surfaces of any size.

Creation of perimeter, fractionizing-expansion joints with Aquastop Nanoflex® and Aquastop Flex and to seal perimeter joints and between adjacent sheets with the Green-Pro anti-cracking waterproof membrane.

## INSTRUCTIONS FOR USE

### Preparation of substrates

In general, substrates must 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.

### Application with Aquastop Nanoflex® or Aquastop Flex

#### Floor-wall joints

- 1 Apply Biogel® gel adhesive to an area about 10 cm wide around the floor or wall joint.
- 2 Fix Aquastop 100 to the fresh Biogel®, following the wall-floor joint.
- 3 Press firmly and smooth over to ensure the tape adheres perfectly, being careful not to wrinkle it.



#### Fractionizing floor joints

- 4 Apply Biogel® gel adhesive on both sides of the joint for a width sufficient to allow bonding of Aquastop 100.
- 5 Fix the tape on the fresh gel-adeseivo® (gel adhesive), press firmly and smooth over to ensure the tape adheres perfectly, being careful not to wrinkle it.
- 6 In the "T" junctions of the joints and in the intersections of the joints provide for the overlap of Aquastop 100.



\* 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

Take all specific steps to create and apply internal and external corners

### Internal corner

- 1 Cut a 40cm-strip of Aquastop 100; cut halfway into it, about halfway along the strip.
- 2 Fold the strip in half to create an internal corner and two overlapping edges.
- 3 Apply Biogel® gel adhesive to an area about 10 cm wide in the corner, on the floor and on the wall. Stick the special piece to the wet, freshly applied Biogel®; press firmly and smooth over to ensure Aquastop 100 adheres perfectly, being careful not to wrinkle it. When waterproofing the wall-floor joint, lay about 10 cm Aquastop 100 over the special piece.



### External corner

- 1 Cut a 40cm-strip of Aquastop 100; cut halfway into it, about halfway along the strip. Fold the strip in half to create an external corner, folding out the edges. Apply Biogel® to an area about 10 cm wide in the corner, on the floor and on the wall, and stick the special piece. Press firmly and smooth over to ensure the tape adheres perfectly, being careful not to wrinkle it.
- 2 Cut a 14cm-strip of Aquastop 100 and cut a 7x7 cm square from it. Stick the cut piece to the wet, freshly applied Biogel®, joining the special piece bonded previously. Press firmly and smooth over to ensure the piece adheres perfectly, being careful not to wrinkle it.
- 3 When waterproofing the wall-floor joint, lay about 10 cm Aquastop 100 over the special piece.



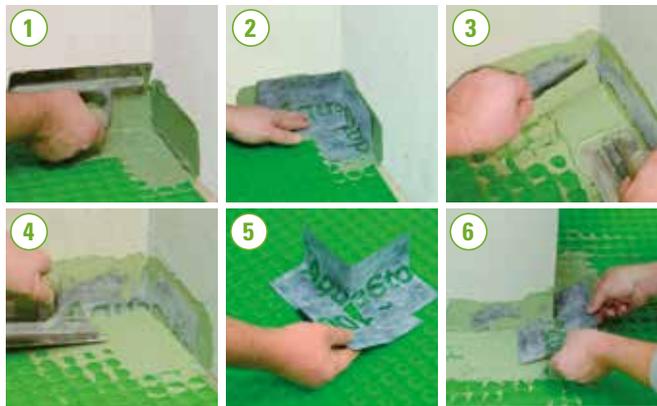
### Application with Green-Pro membrane

#### Perimeter waterproofing

Waterproof sealing of the perimeter must be carried out bonding the Aquastop 100 tape with Aquastop Fix over the Green-Pro membrane previously bonded to the support.

#### External and internal angles

- 1 **Internal angles:** cut a 20 cm strip of Aquastop 100 and cut halfway into it about halfway along the strip. Fold the strip in half to create an internal corner and two overlapping edges. Apply Aquastop Fix sealing agent both on the wall and on the membrane using a smooth spreader and taking care to fill in circular cavities.
- 2 Position the special piece on the fresh sealant. Press firmly and smooth over the tape to ensure it adheres perfectly, being careful not to wrinkle it.
- 3 Seal the overlap between the two bases using Aquastop Fix.
- 4 Remove any excess sealant that may have seeped out and check the adhesion of all the tape edges.
- 5 **External angles:** create an angle as described above and fold it into an open external angle, then cut a strip of Aquastop 100 14 cm in length and cut out a square approx. 7x7 cm to create an "L" shaped insert.
- 6 Fix the insert created on the fresh sealant to connect the special piece glued previously; press down hard and smooth to guarantee total sealing and avoid the formation of wrinkles in the tape.



## INSTRUCTIONS FOR USE

### Waterproofing between the sheets

- ① Seal the longitudinal joints between one sheet and the next: apply the sealant using a smooth spreader for a width of at least 10 cm on either side along the joint (gap), taking care to fill in the cavities in the membrane completely.
- ② Fix the tape on the fresh sealant and press down strongly and smooth to remove any wrinkles and to guarantee total sealing of Aquastop 100.
- ③ Remove any sealant that may have seeped out and make sure the edges of the tape are properly glued down. Check frequently to ensure that the tape mesh is completely coated.



N.B.

- Do not cover the tape with the sealant, to ensure that the subsequent covering applied will be properly levelled.
- Seal the entire perimeter and all the sheet-to-sheet contacts.

## SPECIAL NOTES

When working with wood, polycarbonate, glass, plastic or metal substrates, bond Aquastop 100 with Aquastop Nanosil, extrude the sealant and spread it on the surface with a smooth spreader or fine toothed spreader (1-2 mm). Lay the tape, smooth and press firmly; avoid accumulation of sealant under the tape.

## ABSTRACT

Supply and installation of waterproof polyethylene tape coated on both sides with high-adhesion, non-woven polypropylene such as Aquastop 100 made by Kerakoll Spa. Secure the tapes using adhesive, such as Biogel® made by Kerakoll Spa, for walls and floors. Press firmly and smooth over to ensure the tape adheres perfectly, being careful not to wrinkle it. To ensure the water-resistance of internal and external corners, make special pieces of tape to fix with the eco-friendly mineral adhesive.

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	polyethylene coated on both sides with non-woven polypropylene	
Colour	grey	
Roll width	≈ 140 mm	
Roll length	≈ 30 m	
Total thickness	≈ 0.4 mm	
Weight	≈ 30 g/m	

## PERFORMANCE

VOC INDOOR AIR QUALITY (IAQ) - VOLATILE ORGANIC COMPOUND EMISSIONS		
Conformity	EC 1 plus GEV-Emicode	GEV certified 9025/11.01.02
HIGH-TECH		
Longitudinal breaking load	300 N / 5 cm	EN 12311-1
Transversal breaking load	185 N / 5 cm	EN 12311-1
Longitudinal ultimate elongation	≈ 40%	EN 12311-1
Transversal ultimate elongation	≈ 50%	EN 12311-1
Reaction to fire	Class B2	DIN EN 4102

## WARNING

- **Product for professional use**
- abide by any standards and national regulations
- store away from direct sunlight
- apply the covering as soon as the waterproof coating is dry enough to walk on
- for any other issues, contact the Kerakoll Worldwide Global Service - [info@kerakoll.ae](mailto:info@kerakoll.ae)

The Eco and Bio classifications refer to the GreenBuilding Rating® Manual 2012. This information was last updated in December 2018; please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see [www.kerakoll.com](http://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.