

# Aquastop AR1

Special reinforcing mesh made of alkali-resistant glass fibre to strengthen the eco-friendly Aquastop Nanoflex® and Aquastop Flex membrane.



## PRODUCT STRENGTHS

- Superior mesh with Aquastop Nanoflex® and Aquastop Flex
- High resistance to the basic environment
- High shear strength in both directions
- Without memory effect

## AREAS OF USE

### Use

Terraces, balconies and horizontal surfaces with Aquastop Nanoflex® or Aquastop Flex.

## INSTRUCTIONS FOR USE

### Application

- 1 Apply Aquastop Nanoflex® or Aquastop Flex with a smooth spreader in thicknesses of about 1 – 2 mm, pressing down to ensure maximum adhesion to the substrate. The resulting thickness depends on the surface finish and on the irregularity of the substrate.
- 2 Lay Aquastop AR1 on the fresh waterproofing gel membrane overlapping the sheets by about 10 cm.
- 3 Press the Aquastop AR1 down into the first coat of fresh waterproofing, using the spreader.
- 4 Spread out any product coming out of the holes in the mesh for a smooth coat of even thickness.
- 5 Lay Aquastop AR1 on the fresh gel membrane, over the previously laid Aquastop 100.



- 6 Once hardened and after removing any surface condensation, apply the second coat of Aquastop Nanoflex® or Aquastop Flex. Lay a continuous, 3mm-thick, even layer, fully covering the Aquastop AR1.

## ABSTRACT

Supply and laying of alkali-resistant, glass-fibre reinforcing mesh, weight  $\approx 110 \text{ g/m}^2 \pm 5\%$  and  $\approx 10 \times 10 \text{ mm}$  mesh size, such as Aquastop AR1 made by Kerakoll Spa. Lay the mesh on the wet layer of waterproofing product, overlapping the sheets by about 10 cm and submerging it into the first layer of waterproofing product, pressing down with the spreader.

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	glass fibre	
Colour	grey	
Roll width	$\approx 1 \text{ m}$	
Roll length	50 m	
Mesh width	$\approx 10 \times 10 \text{ mm}$	
Weight of uncoated mesh	$\approx 90 \text{ g/m}^2 \pm 5\%$	ISO 3374
Weight of primed mesh	$\approx 110 \text{ g/m}^2 \pm 5\%$	ISO 3374

## PERFORMANCE

### HIGH-TECH

Final characteristics of the primed mesh:

- ultimate elongation - warp	average value $1,450 \text{ N/5 cm} \pm 1\%$	ISO 4606
- ultimate elongation - weft	average value $1,450 \text{ N/5 cm} \pm 1\%$	ISO 4606

## WARNING

- **Product for professional use**
- abide by any standards and national regulations
- 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 January 2019; please note that additions and/or amendments to this information 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.