

# Aquastop Traffic

Eco-friendly, water based, flexible organic mineral covering for non-slip protection of Aquastop Nanoflex® waterproof gel membrane, ideal for use in GreenBuilding. Single-component with very low volatile organic compound emissions, safeguards the environment and the health of workers; develops better spreader workability for protective finishing of substrates waterproofed with Aquastop Nanoflex® and subject to light foot traffic.

Aquastop Traffic provides for non-slip protection of the waterproofing membranes, guaranteeing durability and maximum resistance to atmospheric agents.



**GREENBUILDING RATING®**

**Aquastop Traffic**  
 - Category: Organic Mineral products  
 - Preparation of the substrates  
 - Rating: Eco 3

			Reduced solvent content 2.4 g/kg	No environmental hazard rating	Non-toxic and non-hazardous

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

**PRODUCT STRENGTHS**

- Single-component, water-based, ready-to-use
- Breathable
- Non-slip
- Specifically intended to protect Aquastop Nanoflex® waterproof gel membrane
- Suitable to apply with a roller
- Suitable for the subsequent overlaying of ceramic tiles using inorganic adhesives from the Biogel® range

**ECO NOTES**

- Formulated with locally-sourced minerals meaning lower greenhouse gas emission during transportation
- Improved on-site safety guaranteed

**AREAS OF USE**

**Use**  
 Terraces, balconies, flat roofs, walkways and horizontal surfaces waterproofed with Aquastop Nanoflex® or cement-polymer products left in view and subject to possible light foot traffic, designed for residential use; concrete and reinforced concrete elements as a protective agent to control damp.

**Do not use**  
 On non-waterproofed substrates; on surfaces subject to frequent and/or heavy traffic; on surfaces subject to road traffic; for water retention; on tar, bituminous or PVC sheeting; on flat roofs without suitable vapour barrier systems; when high levels of acid and alkaline resistance is required.

**INSTRUCTIONS FOR USE**

**Preparation of substrates**  
 The waterproofing surface must be unbroken, compact, well anchored, free from dust and grease, dry, with no flaky parts or surface condensation.

\* 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

### Preparation

Aquastop Traffic is ready-to-use. Before use it is advisable to remix the product inside the packaging to ensure the mixture is of an even consistency. The unused product can be kept for later use by putting the original lid back on the container.

### Application

Aquastop Traffic is applied using a smooth spreader, pressing down hard onto the substrate in order to ensure maximum adhesion to the support; when the product has hardened check adhesion of the first coat and then apply a second coat totally covering the substrate. Apply the product, in two coats, over the entire surface, including the wall joints. The second coat can be applied using a short bristle roller after diluting if necessary with water (max. 15% by weight) provided the total weight of product applied per m<sup>2</sup> is guaranteed.

**The product (water emulsion) hardens by evaporation of the water it contains, so that drying times are dependent on the temperature and ambient humidity during the hours following application. Horizontally laid product that is not perfectly dry risks being washed away by rain or compromised by the formation of condensation.**

### Drying times according to ASTM D 5895-03: Standard test for drying during film formation of organic coating

RELATIVE HUMIDITY: 50%	
Temperature (°C)	Dry Time
25	≈ 75 min
20	≈ 90 min
15	≈ 2 h
10	≈ 2.5 h
5	> 4 h

Test thickness: 0.400 mm

RELATIVE HUMIDITY: 85%	
Temperature (°C)	Dry Time
25	≈ 3 h
20	≈ 4 h
15	≈ 5 h
10	> 8 h
5	> 12 h

Test thickness: 0.400 mm

### Cleaning

Aquastop Traffic can be removed from tools and other surfaces by washing them using water before the product hardens.

## SPECIAL NOTES

Routine maintenance: for cleaning, use soap water-based detergents, suitable for floors.

Extraordinary maintenance: to restore aesthetic and functional continuity following wear, clean carefully and then apply Aquastop Traffic using a spreader or roller (in the latter case the product can be diluted approximately 15% with water).

## ABSTRACT

*Protection of surfaces destined for residential foot traffic waterproofed using Aquastop Nanoflex® or cement-polymer products. Supply and laying of eco-friendly, breathable, non-slip, flexible organic mineral covering, ready-to-use and water based, GreenBuilding Rating® Eco 3, such as Aquastop Traffic by Kerakoll Spa.*

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	grey paste
Chemical nature	co-polymers dispersed in water
Shelf life	≈ 18 months in the original packaging
Weight of the mixture	≈ 1,600 kg/dm <sup>3</sup>
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat
Pack	10 kg buckets
Temperature range for application	from +5 °C to +35 °C
Limit conditions for drying	+5° C – 85% R.H.
Wait before application of second coat	≈ 90 min. (+23 °C – 50% R.H.) > 12 hrs (+5 °C – 85% R.H.)
Interval before normal use / foot traffic	≈ 2 hrs (+23 °C – 50% R.H.) > 12 hrs (+5 °C – 85% R.H.)
Minimum thickness when dry	≈ 0.4 mm
Coverage	≈ 0.7 kg/m <sup>2</sup> total (2 coats)

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

## PERFORMANCE

### HIGH-TECH

#### Resistance to sliding:

- leather on dry surface	0.70	Ministerial Decree No. 236 of 14/06/89 required value > 0.40
- rubber on wet surface	0.73	Ministerial Decree No. 236 of 14/06/89 required value > 0.40

#### Non-slip properties:

- surface description	rough	DIN 51130 06/2004
- total angle of acceptance	8.8°	DIN 51130 06/2004
- classification	R9	BGR 181-10/2003

Resistance to Abrasion loss of weight < 3000 mg EN ISO 5470-1 H22 abrasive disk, 1000 cycles, 1000 g

Permeability to water vapour Class I -  $S_D < 5 \text{ m}$  (permeable) EN 7783-1 EN 7783-2

CO<sub>2</sub> permeability  $S_D > 50 \text{ m}$  EN 1062-6

Capillary absorption and water permeability  $w < 0.1 \text{ kg/m}^2 \text{ h}^{0.5}$  EN 1062-3

Impact resistance Class I EN ISO 6272-1

Adhesion to concrete > 1.5 N/mm<sup>2</sup> (trafficking) EN 1542

Crack bridging class A2

Tensile adhesion to Aquastop Nanoflex® > 1.2 N/mm<sup>2</sup> UNI EN ISO 527

Accelerated UV ageing no chalking ASTM G 154-06

Conformity PI - MC - PR - IR EN 1504-2 (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
- avoid direct exposure to sources of heat during the storage
- follow the indications relating to product drying with great care (risk of rain)
- if necessary, ask for the safety data sheet
- or any other issues, contact the Kerakoll Worldwide Global Service - info@kerakoll.ae

The Eco and Bio classifications refer to the GreenBuilding Rating® Manual 2012. This information was last updated in September 2018 (ref. GBR Data Report - 10.18); 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.