

Bioscud Traffic

Non-slip coating with high resistance to wear, suitable for foot traffic, for surfaces waterproofed with rainproof protection from the Bioscud range, resistant to UV light, atmospheric agents and standing water.

Bioscud Traffic provides for non-slip protection of waterproofing surfaces subject to foot traffic, guaranteeing durability and maximum resistance to atmospheric agents.



Rating 2

1. Suitable for foot traffic, non-slip, it allows for constant foot traffic on surfaces waterproofed with rainproof protection from the Bioscud range
2. Water-based emulsion with high resistance to wear
3. Can be restored after excessive wear with easy-to-perform maintenance
4. Ready-to-use, water-based
5. Resistant to standing water, UV light and atmospheric agents

- × Regional Mineral $\geq 30\%$
- × VOC Low Emission
- × Solvent ≤ 5 g/kg
- ✓ Low Ecological Impact
- ✓ Health Care

Areas of application

→ Use

- Non-slip coating suitable for foot traffic for surfaces waterproofed with rainproof protection from the Bioscud range.

Substrates:

- Bioscud, Bioscud Fiber and Bioscud Artic rainproof protection
- Bioscud BT rainproof protection only when reinforced with Bioscud TNT

→ Do not use

- in case of unfavourable drying conditions or in case of impending rain
- in case of exposure to strong sunlight or on warm surfaces
- on surfaces intended for glued heavy covering
- when high levels of acid and base resistance is required
- on substrates not waterproofed with rainproof protection from the Bioscud range

Instructions for use

→ Substrate requirements

Undamaged (remove parts or elements not perfectly adherent, verify adhesion of the rainproof protection to be coated).

Resistant, dry and without superficial condensation.

Clean: surfaces free of residues of previous processes or dust.

→ Preparation of substrates

Carefully check compliance with the indications of the technical data sheet of the rainproof protection to be coated.

→ Preparation

The product is ready to use; uniform consistency mixing from the bottom upwards using a low-rev ($\approx 400/\text{min.}$) helicoidal agitator.

Protect the product from frost; it must be stored, even on site, so as to avoid direct sunlight and heat sources.

→ Application

Carefully check compliance with the indications of the technical data sheet of the rainproof protection to be coated.

Apply Bioscud Traffic using a short-bristle roller,

taking care to completely cover all surfaces destined to frequent or constant foot traffic. Apply a total of at least 0.5 kg/m^2 of product. Check regularly the smoothness of the product in the bucket, if necessary uniform its consistency with a mixer.

The product hardens by evaporation of the water contained in the emulsion; drying times are constrained by temperature and environmental humidity in the hours following application. If the product is not perfectly dry, it risks being washed away and irreparably deteriorated by weather events or condensation. Resistance to standing water is depended on perfect drying. Once the product has hardened, the presence of any bubbles shows an excessive R.H. of the substrate; remove the bubbles, wait for the substrate to dry and reapply the product.

The stickiness of the surfaces in the moments following application is a feature of the product and does not preclude its final performance; it runs out over time.

→ Cleaning

The removal of the fresh product is carried out with water, to reuse rolls and brushes soak them in water to avoid drying the product. To remove residues of hardened product use nitro solvents.

Special notes

- In climatic conditions of high humidity and/or low temperature drying times are lengthened, delaying foot traffic and significantly increasing the risk of being washed away in case of possible rainfall or in the presence of condensation.

- **Unscheduled maintenance:** to restore aesthetic and functional continuity following wear, clean carefully the surfaces and apply the product according to the methods indicated.

Abstract

Waterproofing finishing – Supply and certified laying of non-slip coating with high resistance to wear, suitable for foot traffic, for surfaces waterproofed with rainproof protection from the Bioscud range, resistant to UV light, atmospheric agents and standing water, ideal for use in GreenBuilding, single-component, like Bioscud Traffic by Kerakoll Spa.

Technical Data compliant with Kerakoll Quality Standard		
Appearance	coloured paste	
Colours *	grey (RAL 7038)	
Specific weight	≈ 1.35 kg/dm ³	
Chemical nature	water emulsion of waterproofing agents	
Mineralogical nature of inert material	crystalline carbonate	
Solid content	≥ 69%	
Shelf life	≈ 18 months from production in the original sealed packaging	
Warning	protect from frost and avoid direct exposure to sunlight and store away from sources of heat	
Pack	20 / 5 kg buckets	
Dynamic viscosity	≈ 8800 mPas	Brookfield method
Only to be used:		
- Temperature	from +5 °C to +35 °C	
- Humidity	≤ 80%	
Minimum thickness required	≥ 0.25 mm dried product corresponding to ≈ 0.5 kg/m ² applied fresh product	
Interval before normal use	≈ 24 h / ≈ 7 days (stagnant water)	
Coverage	≈ 0.5 kg/m ²	

Performance		
HIGH-TECH		
Adhesion on Bioscud	≥ 1,86 MPa	EN 1542
Elongation:		
- at F max	≥ 112%	ISO 527-1
- ultimate elongation (+23° C)	≥ 159%	ISO 527-1
Resistance to static load (punching)		
- on soft support (EPS):	≥ 15 kg	EN 12730
- on rigid support (concrete):	≥ 5 kg	EN 12730
Cold flexibility	-10 °C	UNI 1109
Non-slip properties on inclined ramp:		
- average sliding angle	27,7°	DIN 51130 2014
- classification	R12	BGR 181-10/2003
Resistance to abrasion	loss of weight < 3000 mg(Abrasive disc H22 – 1000 cycles – 1000 g)	EN ISO 5470-1
Working temperature	from -10 °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
- protect from rain and condensation for 24 hrs
- resistance to standing water is depended on perfect drying after application
- do not add binders or other materials to the product
- do not apply on dirty, loose, warm surfaces or surfaces exposed to strong sunlight, or in case of impending rain
- if necessary, ask for the 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 April 2023 (ref. GBR Data Report – 05.23); 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.