

Top Latex Eco

Water-based elastic agent for normal- and rapid-setting mineral adhesives.

Top Latex Eco increases the longitudinal and transversal deformation of adhesives, guaranteeing unaltered workability and safe, easy laying.



Rating 4

1. Increases substrate adhesion
2. Recommended as an additive for substrates and materials subject to extreme deformation
3. Does not alter workability times of normal and extra-fast setting mineral adhesives

- × VOC Low Emission
- ✓ Water Based
- ✓ Solvent ≤ 15 g/kg
- ✓ Low Ecological Impact
- ✓ Health Care

Areas of application

→ Use

Latex-based elastic additive for all types of mineral or cement-based adhesives.

Used as an additive in the following products:

- normal-setting mineral adhesives
- rapid-setting mineral adhesives

Materials to be bonded:

- homogeneous tiles, ceramic, porcelain tiles, klinker, cotto, glass and ceramic mosaic, of all types and formats
- natural stone, recomposed materials, marble

Internal and external floors and walls for domestic, commercial, industrial uses and for street furniture, in environments subject to heavy traffic, swimming pools, tanks and fountains, deformable substrates, also in areas subject to thermal shock and freezing.

Instructions for use

→ Preparation of substrates

Substrates must be absorbent, free from dust, oil and grease, free from any rising damp, with no loose, flaky material. The substrate must be stable, without cracks and have already completed the curing period of hygrometric shrinkage. Uneven areas must be corrected with suitable smoothing and finishing products.

→ Preparation

Use Top Latex Eco as partial or full replacement of mixing water. After having mixed the powder with the indicated quantity of Top Latex Eco it is necessary to adjust the consistency of the mixture by adding water according to the type of application required, until a smooth, lump-free paste is obtained.

→ Application

The adhesive, mixed with Top Latex Eco can be applied with a suitable toothed spreader, to be chosen according to the size and type of the tile. Using the smooth part of the spreader, apply an initial fine layer to adjust absorption of the substrate with such a quantity of product as will allow for laying of the covering material within the open time. In environments subjected to heavy traffic, with materials to be smoothed on-site and in external applications use the double-spread technique to ensure 100% wettability of tile backs. Top Latex Eco does not alter workability and hardening times of the adhesive. In warm, dry or windy climates check open times, which may be reduced.

→ Cleaning

Residual traces of Top Latex Eco can be removed from tools with water before the product has hardened.

Special notes

→ Mixing-ratio percentages used during addition of the water-based, elastic agent Top Latex Eco to mineral adhesives by Kerakoll may vary according to different factors such as the format of the tiles or marble slabs, the actual use of

the covering materials, the type of substrate, subsequent hygrometric shrinkage and the thermal expansion coefficient.

Certificates and marks



* 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).

Abstract

The addition of normal and rapid-setting mineral adhesives for laying ceramic tiles, porcelain tiles and marble with improved flexibility and adhesion will be carried out with an elastic agent, GreenBuilding Rating 4, such as Top Latex Eco by Kerakoll Spa. Total replacement of water determines an average coverage of \approx ____ kg of Top Latex Eco/1 25 kg bag of adhesive. If necessary, add water to obtain a mixture of the desired consistency. Create elastic, fractionizing joints and lay covering materials with joints appropriate for the format of the tiles used.

Technical Data compliant with Kerakoll Quality Standard

Appearance	White liquid	
Specific weight	$\approx 1,01 \text{ kg/dm}^3$	
Shelf life	≈ 12 months from production in the original sealed packaging	
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat	
Pack	25 - 8 kg cans	
Viscosity	$\approx 33 \text{ mPa} \cdot \text{s}$, rotor 1 RPM 100	Brookfield method
pH	≈ 7.06	
Temperature range for application	from $+5 \text{ }^\circ\text{C}$ to $+35 \text{ }^\circ\text{C}$	
Coverage	see dosages characteristics of adhesive	

Values taken at $+23 \text{ }^\circ\text{C}$, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e.temperature, ventilation and absorbcency level of the substrate and of the materials laid.

Doses and Performances

Dosage	classification	Conformity
Biogel No Limits + Top Latex Eco replacing 50% by weight of the mixing water.	C2 TE S2	EN 12004
Kerakoll C2 TE mineral adhesives + Top Latex Eco replacing 50% by weight of the mixing water	C2 TE S1	EN 12004
Kerakoll C2 TE mineral adhesives + Top Latex Eco replacing the mixing water	C2 E S2	EN 12004
Kerakoll C2 TE S1 mineral adhesives + Top Latex Eco replacing 50% by weight of the mixing water	C2 E S2	EN 12004

Warning

- Product for professional use
 - abide by any standards and national regulations
 - store and use at a temperature above +5 °C.
Protect from frost
 - avoid direct exposure to sunlight or sources of heat
- follow the adhesive's instructions for use used provided on the product technical data sheet
 - 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

Kerakoll Quality System ISO 9001 CERTIFIED 1710/0327	Kerakoll Quality System ISO 14001 CERTIFIED 18586-E	Kerakoll Quality System ISO 45001 CERTIFIED 18586-I
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The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in December 2022 (ref. GBR Data Report – 12.22); 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.