

Forte

Certified, eco-friendly, organic mineral adhesive to lay small and medium-format hardwood floors, ideal for use in GreenBuilding. Single-component, water-based, solvent-free and with very low volatile organic compound emissions, safeguards the health of both operators and the environment.

Forte develops a smooth mixture that makes it extremely safe to rapidly lay wood mosaic, industrial hardwood floors, thin strip solid wood and strip flooring, including medium-size formats, of stable wood varieties on absorbent substrates.



GREENBUILDING RATING®

Natural mineral content 31%	Very low VOC emissions	Solvent-free	No environmental hazard rating	Non-toxic and non-hazardous

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- Extremely easy to spread and superior thixotropy
- Rapid setting
- Specifically intended for mineral substrates
- Suitable for heated substrates

AREAS OF USE

Use
High-performance laying of wood floors made of stable wood varieties:
Floors:
- wood mosaic, industrial hardwood floors and according to EN 13488 and EN 14761
- solid wood elements without strips, thin strip, strip flooring and according to EN 13227

Substrates:
- cement-based screeds or those made using Keracem® Eco or Keracem® Eco Prontoplus
- wood panels

Interior floors in residential and commercial buildings. Suitable for heated substrates.

Do not use
To lay prefinished and solid hardwood floors made of nervous species such as beech, maple, ash.... External or on substrates subject to moisture rising; on heated substrates that were not prepared properly, on anhydrite and non-absorbent substrates.

INSTRUCTIONS FOR USE

Preparation of substrates
Substrates must be compact, solid, level, not too rough. They must also be dimensionally stable, non-deformable, dry, clean and free of any rising moisture, cracks, dust and detaching substances. Cement-based screed or substrates consisting of marble, granite, ceramic or similar must have residual moisture at a maximum of 2% or 1.7%, in case of under floor heating. Cement-based screeds with dusty surface, flaky or weak parts must be treated with Primer A Eco. Absorbent, cement-based substrates with heating systems must be treated with Primer A Eco.

On a general basis anhydrite and heated subfloors can't be waterproofed and/or corrected with self levelling cement or gypsum-based products. Uneven or excessively rough substrates must be adjusted and/or levelled with suitable products such as Keralevel® Eco Ultra, Keratech® Eco R30, Keratech® Eco Flex and Keratech® Eco HP4. Read carefully the relevant technical data sheets before using the above listed products.

Preparation
The product is ready-to-use. Mix before use.

* 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

Application

Spread evenly to the substrate using a suitable toothed spreader (spreader no. 2 or 4). Apply the adhesive to small areas at a time where the hardwood floors can be laid on the wet adhesive, pressing down hard enough to ensure full, even contact with the adhesive and making sure that none rises up between the strips. Leave $\approx 7 - 10$ mm for expansion between the wood floor and the walls (or other vertical elements).

Cleaning

Remove residual traces of Forte from the surface while still wet using water. Clean equipment with water. Once cured, the adhesive can only be removed by mechanical means.

SPECIAL NOTES

Allow the floor to reach room temperature in the place where it is to be laid.

The traditional hardwood floors strips to be laid must have a moisture content of 7 – 11%.

Before laying, measure the moisture content of the substrate using a calcium carbide hygrometer.

Before laying, measure the ambient temperature and that of the substrate, which must be higher than the minimum use temperature indicated in the technical data.

In addition to the above recommendations, follow the hardwood floors manufacturer's specific instructions.

ABSTRACT

Certified, high-performance laying of wood mosaic, industrial hardwood floors, thin strip solid wood and strip flooring, including medium-size formats, of stable wood varieties is carried out using a single-component, eco-friendly, organic mineral adhesive, quick-setting and with a reduced water content, GreenBuilding Rating® 5, such as Forte by Kerakoll Spa. The substrate must be absorbent, permanently dry, compact, free from any loose debris, clean and cured, and the shrinkage stage already completed. For laying, a ____ toothed spreader must be used for an average coverage of \approx ____ kg/m².

TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	paste colour oak
Pack	18 kg bucket
Shelf life	≈ 12 months in the original packaging
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat
Temperature range for application	from +10 °C to +30 °C
Open time	≈ 20 min.
Foot traffic	≈ 12 hrs
Waiting time before sanding	≈ 10 days (after full stabilisation of the hardwood floor)
Coverage	$\approx 600 - 1000$ g/m ² (spreader no. 2 – 4)

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e. temperature, ventilation and absorbency level of the substrate.

PERFORMANCE

VOC INDOOR AIR QUALITY (IAQ) - VOLATILE ORGANIC COMPOUND EMISSIONS

Conformity	EC 1 plus GEV-Emicode	GEV Certified 1687/11.01.02
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WARNING

- Product for professional use

- abide by any standards and national regulations
- follow all applicable safety regulations and guidelines when using the product
- the temperature, ambient humidity, ventilation and absorption of the substrate and covering materials may vary the adhesive workability and setting times
- 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 November 2019 (ref. GBR Data Report - 12.19); 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.



KERAKOLL
The GreenBuilding Company

KERAKOLL S.p.a.
Via dell'Artigianato, 9 - 41049 Sassuolo (MO) Italy
Tel +39 0536 816 511 - Fax +39 0536 816 581
info@kerakoll.com - www.kerakoll.com