

# B3

**Certified, eco-friendly, organic adhesive for bond when used to secure tongue-and-groove ends in floating hardwood floors and laminated floors, ideal for use in GreenBuilding. Single-component, water-based, with very low volatile organic compound emissions. Safeguards the health of both operators and the environment.**

B3 develops a strong, water-resistant bond when used to secure tongue-and-groove ends in floating, pre-finished hardwood floors and plank, laminate, chipboard or plywood floors.



**GREENBUILDING RATING®**

Very low VOC emissions	Water-based formulation	No environmental hazard rating	Non-toxic and non-hazardous
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RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

**PRODUCT STRENGTHS**

- Colourless when cured
- Easy to clean
- Water-resistant D3-class (EN 204)

**AREAS OF USE**

**Use**  
To bond tongue-and-groove ends in the following types of floating floors:

- prefinished, plywood parquet
- planks
- laminate floors
- chipboard and/or plywood panels

Bonding wood-to-wood

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

**Do not use**  
For external use, to fully bond solid wooden tongue-and-groove floors, or solid hardwood floors in general.

**INSTRUCTIONS FOR USE**

**Preparation of substrates**  
**Substrates:** must be compact, solid, level, not too rough and absorbent. They must also be dimensionally stable, non-deformable, dry, clean and free of any rising moisture, cracks, dust and detaching substances.  
**Surfaces to be bonded:** must meet properly with no dust, oil, grease, wax or other detaching substances.

**Preparation**  
The product is ready-to-use.

**Application**  
Apply B3 on one of the parts to be bonded only, inserting the nozzle in the joint and squeezing the bottle. Press the two parts together immediately, and hold them in place long enough for the adhesive to harden. Wipe off any adhesive that runs out of joints using a damp cloth. If the adhesive smears onto varnished surfaces, the hardened film can be easily removed.

**Cleaning**  
Remove residual traces of B3 from the surface while still wet using water. Clean equipment with water. Once cured, the adhesive can only be removed by mechanical means.

\* 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).

## SPECIAL NOTES

Allow the floor to reach room temperature in the place where it is to be laid.  
For prefinished hardwood floors, the wood strips to be laid must have a moisture content of 5 – 9%.  
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

*The bonding of tongue-and-groove ends in floating hardwood floors and laminated flooring should be done with organic eco-friendly single-component adhesive, water resistant in class D3 (EN 204) and colourless reticulation, GreenBuilding Rating® 4, such as B3 by Kerakoll Spa. The substrate must be permanently dry, compact, free from any loose debris, clean and cured, and the shrinkage stage already completed.*

## TECHNICAL DATA COMPLIANT WITH KERAKOLL QUALITY STANDARD

Appearance	white, fluid paste
Pack	bottles 500 g
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	≈ 5 mins
Pressing time	≈ 20 min.
Foot traffic	≈ 12 hrs
Interval before normal use	≈ 24 hrs
Coverage	≈ 30 g/m

*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

<b>VOC INDOOR AIR QUALITY (IAQ) - VOLATILE ORGANIC COMPOUND EMISSIONS</b>		
Conformity	EC 1 plus GEV-Emicode	GEV Certified 3468/11.01.02
<b>HIGH-TECH</b>		
Conformity	Class D 3	EN 204

## WARNING

- **Product for professional use**
- abide by any standards and national regulations
- the temperature, ambient humidity, ventilation and absorption of the substrate and covering materials may vary the adhesive workability and setting times
- keep the room(s) well ventilated and use Proman, a protective hand cream
- 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](mailto: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](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.



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