

Resyflex CP3

Elastic polyurethane adhesive for hardwood floors. Single-component, high-performance, polyurethane-based adhesive, for solid hardwood or laminate floors.



1. Quick curing
2. Strong adhesion for all types of hardwood floor
3. elastic
4. Compensates for subfloor irregularities
5. Compensates for wood movement
6. Reduces vibrations
7. Reduces noises of foot traffic

Rating 1

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



Areas of application

→ Use

For solid hardwood or laminated floors up to 140 mm width.

In strips, tongue-and-groove strips, panels and hardwood mosaic floors.

Adhesive suitable for the laying of hardwood floors on underfloor heating systems (compulsory full surface bonding).

Instructions for use

→ Substrate preparation

The substrate and its preparation must comply with the requirements of the DTU 51.2 (NFP 63-202).

The substrate must be dry, cohesive, clean, smooth, free from flaky or non-adherent particles, cement dust, rust, bitumen, silicone, old adhesives, grease, treating and finishing products, wax, cleaning products or liquids... It must not protrude and must be cleaned with a vacuum cleaner to eliminate all dust residues. The flooring must not allow the hardwood floor to rise or be subjected to any form of moisture infiltration. For concrete floors on crawl spaces, embankments or load-bearing plates, it is recommended to insert a barrier to block moisture (anti-capillary covering or layer depending on the case).

The surface evenness defects must not exceed
- 1 mm maximum rise when measuring with a 20 cm-long ruler
- 5 mm maximum rise when measuring with a 2 m-long metre

The dryness of the surface must be checked with the CM method (calcium carbide). Pin-type or pinless moisture meters can be used as indications.

The maximum moisture content of the laying surface must be:
- 3% R.H. for an hydraulic binder-based surface
- 0.5% for calcium sulphate-based screed

When specifically laying on underfloor heating systems

When laying on underfloor heating systems, the natural drying of the laying surface must be completed by putting the heating to temperature and keeping it at least three weeks before laying the hardwood floor. Heating must be switched off 48 hours before applying the smoothing plaster and laying the hardwood floor. Provide additional heating. The heating system must not be reactivated before a week after laying the hardwood floor, and in any case in a progressive manner.

The maximum moisture content for laying on underfloor heating systems must be:
- 2% R.H. for an hydraulic binder-based surface

- 0.5% for calcium sulphate-based screed
For the preparation of the substrates use EP21, according to the instructions detailed in the related product technical data sheet.

→ Application

In accordance with the DTU 51.2, the temperature of the premises, of the substrate (slab) and of the adhesive must be at least +15 °C at the time of application and during the entire process of polymerization of the adhesive. When laying on underfloor heating systems, the temperature of the substrate must be about +20 °C at the time of application and during the entire process of polymerization of the adhesive. The application can be performed only if the air in the rooms has a moisture of between 45% and 65% of hygrometry. The moisture level of the rooms at the time of laying must be as close as possible to that of the rooms when they will be used. The hardwood floor must be stabilized to a moisture corresponding to that of the rooms in which it will be applied. Comply with the DTU 51.2 laying rules and the hardwood floor manufacturer's recommendations. Use spacers to respect peripheral clearances (minimum 8 mm, and 0.15% of the largest surfaces to be covered). The hardwood floor strips must not be in contact with walls or other fixed barriers. Open the corner of the aluminium bag and pour the adhesive on the substrate. Close the bag by folding it back on itself and letting the air out. Spread the adhesive at a ratio of 1000-1400 g/m² with a B12 notched trowel, held perpendicular to the floor. Bond a maximum surface of 50 cm to facilitate the laying and application of the hardwood floor. The hardwood floor must be laid while the adhesive is still fresh before a film forms. Otherwise, remove the part of the adhesive that has formed a film and apply fresh adhesive.

Apply the strips of hardwood floor so as to fill the grooves that formed in the adhesive and make sure that the adhesive has been duly transferred on the underlying part of the hardwood floor. Check at regular intervals to ensure that the adhesive is transferred over the entire length of the strips. If necessary, add more adhesive. Tighten the strips with a hammer. When working with strips presenting uneven

Instructions for use

flatness, it is necessary to place a weight on the strip to force its contact with the adhesive until it has dried completely.

Laying in beads from a 600 ml bag: apply the beads of adhesive perpendicularly to the strips, at a distance of less than 10 cm.

→ Cleaning

Use Fast Clean towels to clean tools and hands and remove fresh product in excess.

The polymerized product can be eliminated by scratching or sanding.

Rooms must be ready for use at least 48 hours after application. Drying times depend on temperature, moisture of the environment and porosity of the laying surface.

TESTS

CEBTP Test report

Adhesive for elastic bonding of hardwood floor EN 14293

CTBA Certified

Climatic chamber testing of a bonded hardwood floor (solid hardwood floor)

Certificates and marks



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Technical Data compliant with Kerakoll Quality Standard

Specific weight	1,4 g/cm ³
Coverage	from 1,000 g/m ² to 1,400 g/m ²
Application temperature	+15 °C / +40 °C
Film formation time	≈ 90' (+23 °C, 50% R.H.)
Curing rate	≥ 3 mm / 24 hrs (+23 °C, 50% R.H.)
Withstands foot traffic	after 24 hrs
Final setting	after 48 hrs
Sanding and varnishing	after 72 hrs
Shelf life	≈ 12 months in the original packaging, sealed and protected against damp
Packaging:	
- bucket	Three 5kg aluminium bags per carton / 40 buckets per pallet
- Special Speed Gun KKF bucket	2 buckets, size 5 kg, per box
- bag 600 ml	20 bags per box

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 absorbcency level of the substrate and of the materials laid.

colour chart**Timber**

Shades shown are purely indicative.

Warning

- Product for professional use
- abide by any standards and national regulations
- store in a well ventilated room at a maximum temperature of +30 °C
- see the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service +33 (0) 4 72 89 06 80 - globalservice@kerakoll.com

The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in June 2024 (ref. GBR Data Report - 06.24); 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 site 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.