



PALLMANN P9

Solvent- and water free, 2-component polyurethane adhesive for wood flooring with a very long working time

Areas of application:

2-component polyurethane adhesive, in accordance with DIN EN 14 293. Suitable for all types of wood flooring, especially for moisture sensitive wood types and formats as well as for use on UZIN wood flooring underlays (e.g. for acoustic and stress-relieving insulation).

Suitable for:

- Stab wood floors
- Mosaic wood floors
- On-edge wood flooring
- 10-mm solid wood flooring
- Floorboards / wood planks
- Wood blocks RE/WE
- vertical lamella 10 – 23 mm
- Smoked oak - in order not to cause bright joints we recommend UZIN COLOR MK

Beware:

Suitable on:

- cementitious screeds, calcium sulphate screeds or concrete
- new, firmly screw-fixed chipboard P4 – P7 or OSB 2 – OSB 4 panels
- existing ceramic and natural stone coverings, Terrazzo etc.
- new mastic asphalt screeds
- precast screeds, gypsum fibre boards
- levelling compounds suitable for wood floors
- UZIN insulating and installation underlays suitable for wood floors
- hot water underfloor heating

Properties:

Paste-consistency 2-component polyurethane adhesive. Solvent-free and water-free, therefore without any dimensional swelling of the wood flooring, does not dehumidify the wood.

- Excellent ridge formation
- Excellent filling capacity
- Very easy to spread
- No shrinkage at any thickness
- Very quickly setting
- Hard-elastic ridge formation
- High resistance to shear force
- A truly universal parquet adhesive
- For use directly mastic asphalt
- Solvent-free
- EMICODE EC 1 R PLUS/Very low emission

Technical data:

Packsizes:	7 kg plastic combi-can
Shelf life:	12 months
Consumption:	approx. 800 - 1,200 g/m ²
Working temperature:	min. 15°C / 59°F at floor level
Open time:	none*
Pot life:	approx. 45 min
Working time:	approx. 45 minutes*
Load bearing:	after approx. 12 hours*
Ready for sanding/sealing:	after approx. 12 hours*
Final strength:	after 2 – 3 days (approx)*

Standard temperature* and 65 % relative air humidity



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Subfloor preparation:

The substrate must be even, level, sound, dry, free from cracks and free from materials which could impair the adhesion. Cement and calcium screeds must be abraded and vacuumed off. Check the substrate according to the applicable standards and report any deficiency. For parquet work particularly careful testing of the subfloor is recommended. Thoroughly brush, abrade, grind or shot-blast to remove any weak or soft surface areas or layers reducing the adhesion e.g. old adhesive residues. Thoroughly vacuum off the surface.

Prime absorbent and porous substrates with 1-component quick primer PALLMANN P104 (beware: drying time min. 1 hour). On standard substrates suitable for receiving wood flooring, it is possible to work without priming. Prime uneven substrates with UZIN PE 360 PLUS universal primer and apply PALLMANN P25 parquet smoothing compound at a min. thickness of 2 -3 mm.

Refer to the product data sheets for the products used.

Application:

1. Before use, allow the contents to acclimatise. Pour the contents of the component B completely into the container of component A and stir homogeneous. Use hand drill with agitator disc. Ensure thorough mixing, especially at the bottom and near the walls of the bucket. As badly mixed adhesives will not set properly.
2. Apply evenly onto the substrate using a suitable notched trowel (see 'Consumption data'). Only apply as much adhesive as can be covered within approx. 45 minutes.
3. Lay the woodfloor pieces into the adhesive bed and press well down. Ensure full adhesive transfer to the underside of the woodfloor.
4. Using wedges, leave a gap of approx. 10 mm between the parquet and the wall
5. **Beware:** When used with multi-ply / pre-finished wood flooring (engineered boards) immediately remove any adhesive contermination from the pre-finished surface, using UZIN Clean-Box cleaning towels. Cured adhesive can only be removed mechanically.

Consumption data:

Type of parquet	Notch sizes	Consumption
Mosaic wood flooring	B 3	approx. 800 – 1000 g/m ²
Strip, plank, multi-layer parquet flooring	PALLMANN solid board	approx. 1000 – 1200 g/m ²
Woodblocks RE/WE	B 11	approx. 1000 – 1200 g/m ²
10-mm solid parquet	B 11	approx. 1000 – 1200 g/m ²
vertical lamella 10 – 22 mm	B 11	approx. 1000 – 1200 g/m ²

Important notes:

- Shelf life minimum 12 months in original packaging when stored in cool, dry conditions. Optimum storage conditions 10 – 20°C / 50 – 68 ° F. Thickened hardener B can no longer be used. Do not mix partial quantities.
- Optimum application conditions are 18 - 25 °C / 64-77 °F, floor temperature above 15 °C/ 59 °F, relative air humidity of > 35 % and < 65 %. Low temperatures lengthen and high temperatures shorten the working-, setting and drying times.
- If the required standards for wood- and air-moisture and proper acclimatisation are observed, the wood floor can be sanded and sealed after 12 hours.
- Caution: The use of wood flooring not dried according to standards can, in the event of increase in air humidity, lead to damage from swelling.
- Only suitable for laminate flooring that is approved for bonded installation by the manufacturer.
- Kindly refer to locally applicable standards. In Germany for instance the following standards and bulletins are applicable and especially recommended: DIN 18 356 'Work involving parquet/wood flooring', TKB notice 1 'Bonding parquet/wood flooring' 03/2007, TKB notice 8 'Assessing and preparing substrates for covering floors and work with, parquet/wood flooring' 06/2004, BEB notice 'Assessing and preparing substrates' 10/2008.

Protection of the Workplace and the Environment:

Solvent-free. Non-flammable. Comp. A: Requires no special protection or precautions in general use.

Comp. B: Contains diphenylmethane-diisocyanate (MDI). Harmful on inhalation. Irritating to eyes, respiratory system and skin. There is limited evidence of a carcinogenic effect for respirable vapours of MDI. May cause sensitisation by inhalation and skin contact. Use barrier cream, protective gloves and safety-goggles. Provide good ventilation. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Observe safety information on product label as well as safety data sheet. Once cured, has a neutral odour and presents no physiological or ecological risk. Does not contaminate the indoor air quality with either formaldehyde or other volatile compounds. EMICODE EC 1 R PLUS – very low emission.

Disposal:

Where possible, collect product residues and re-use. Do not allow into drains, water courses or landfill. Empty, drip-free plastic containers are recyclable. Containers with liquid residues, as well as collected, liquid product residues, are Special Waste. Containers with dried residues are Construction Waste. Therefore collect waste material and allow to harden, then dispose as Construction Waste.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer.

The publication of this Product Data Sheet invalidates all previous product information. The respective updated version of this datasheet can be found on our homepage under www.pallmann.net

