

2-component PUR adhesive

# PALLMANN P9

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

## PRODUCT DESCRIPTION:

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.

## AREA 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.

## SUITABLE FOR:

- ▶ mosaic wood flooring
- ▶ stab-wood flooring
- ▶ 10-mm solid wood flooring
- ▶ floorboards and wood planks
- ▶ woodblocks
- ▶ vertical lamella 10 – 23 mm
- ▶ multi-ply/pre-finished wood flooring – difficult to remove from finished surfaces
- ▶ smoked oak – in order not to cause bright joints we recommend UZIN COLOR MK

## 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
- ▶ warm water underfloor heating systems



## PRODUCT BENEFITS / PROPERTIES:

- ▶ good levelling capacity
- ▶ good ridge formation
- ▶ very good spreadable
- ▶ shrinkage-free even in thick layers
- ▶ fast setting
- ▶ elastically deformable
- ▶ high shear strength
- ▶ can be used directly on mastic asphalt
- ▶ universal wood floor adhesive
- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission

## TECHNICAL DATA:

Packaging:	plastic container
Packsize:	6,2 + 0,8 kg
Shelf life:	at least 12 months
Consumption:	approx. 800 – 1.200 g/m <sup>2</sup>
Working climate:	at least 15° C on the floor
Open time:	none
Pot life:	approx. 45 minutes*
Working time:	approx. 45 minutes*
Ready for sanding:	after approx. 12 hours*
Further coats:	after approx. 12 hours*
Load-bearing:	after approx. 12 hours*
Final strength:	after approx. 2 - 3 days*

\*At 20 °C and 50 % rel. humidity



## SURFACE PREPARATION:

The substrate must be even, level, sound, dry, free from cracks and free from materials which could impair the adhesion. Check the substrate according to the applicable standards and report any deficiency. Cement and calcium screeds must be abraded and vacuumed off.

For wood flooring 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). Prime uneven or very rough substrates with UZIN PE 360 PLUS universal primer and apply PALLMANN P25 wood flooring smoothing compound to a minimum thickness of 3 mm. All mineral substrates, as well as good gritted mastic asphalt, which conforming to standards, has to be primed with PALLMANN P104.

Refer to the product data sheets for the products used.

## APPLICATION:

1. Before use, the container must be brought to room temperature (20 °C). 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. Only apply as much adhesive as can be covered with wood flooring in 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 wood floor.
4. Using wedges, leave a gap of approx. 10 mm between the wood flooring 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:

Sort of Parquet	Toothing	Usage ca.
Mosaic wood flooring	B3	800 - 1.000 g/m <sup>2</sup>
Strip, plank, multi-layer wood flooring	PALLMANN SOLID BOARD NOTCH TROWEL	1.000 - 1.200 g/m <sup>2</sup>
Woodblocks RE/WE	B11	1.000 - 1.200 g/m <sup>2</sup>
10 mm solid wood floor	B11	1.000 - 1.200 g/m <sup>2</sup>
Vertical lamella 10 - 22 mm	B11	1.000 - 1.200 g/m <sup>2</sup>

## IMPORTANT NOTES:

- ▶ Optimum temperature is 18 to 25 °C with the relative humidity > 35 % and < 65 %. Low temperatures and high humidity will extend the drying time. High temperatures and low humidity will shorten the drying time.
- ▶ Shelf life minimum 12 months in original packaging when stored in dry conditions. Protect from freezing and do not expose to temperatures over 40 °C.
- ▶ 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.
- ▶ Warning! There is a risk of dimensional swelling if wood flooring has dried below standard levels at an increase of the air humidity.
- ▶ Only suitable for laminate flooring that is approved for bonded installation by the manufacturer.
- ▶ To be used for woodblocks only after a written installation recommendation by the manufacturer.
- ▶ The following standards and notices are applicable and especially recommended: DIN 18356 (Working with wood flooring), TKB notice 1 (Bonding wood flooring), TKB notice 8 (Assessing and preparing substrates for covering floors and work with wood flooring), BEB notice (Assessing and preparing substrates).

## 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. Harmful: May cause damage to organs through prolonged or repeated exposure. May cause sensitisation by inhalation and skin contact. Provide good ventilation. Use barrier cream, protective gloves and safety-goggles. 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.

## DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste. Therefore collect waste material, mix both components and allow to harden, then dispose as Construction Waste.