

1-component STP adhesive

PALLMANN P5

Solvent- and water-free adhesive for common wood flooring types

PRODUCT DESCRIPTION:

1-component STP wood flooring adhesive with hard elastic adhesive ridge and long working time. Limits wood deformation and produces an optically appealing appearance. Solvent-free and water-free, therefore very easy-to-use without any dimensional swelling of the wood floor.

AREA OF APPLICATION:

1-component STP wood flooring adhesive with hard elastic adhesive ridge and long working time. Limits wood deformation and produces an optically appealing appearance. For interior use.

MAIN AREA OF APPLICATION:

- ▶ multilayer wood floors

EXTENDED AREA OF APPLICATION:

- ▶ stab-wood flooring
- ▶ solid wood flooring 15 – 22 mm
- ▶ multi-ply wood planks

SUITABLE FOR:

- ▶ cementitious screeds, calcium sulphate screeds or concrete
- ▶ new, firmly screw-fixed chipboard P4 – P7 or OSB 2 – OSB 4 panels
- ▶ 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
- ▶ hard-elastic ridges
- ▶ long working time
- ▶ FBH suitable
- ▶ adhesive residues on wood flooring can be removed easily
- ▶ replacement adhesive according to TRGS 610
- ▶ Solvent-free, containing methoxysilane
- ▶ EMICODE EC 1 PLUS / Very low emission

TECHNICAL DATA:

Packaging:	plastic container
Packsize:	16 kg
Shelf life:	at least 12 months
Consumption:	approx. 1.000 - 1.200 g/m ²
Working climate:	at least 15° C on the floor
Open time:	none
Working time:	approx. 30 - 40 minutes*
Ready for sanding:	after approx. 24 hours*
Further coats:	after approx. 24 hours*
Load-bearing:	after approx. 12 hours*
Final strength:	after approx. 5 - 7 days*

*At 20 °C and 50 % rel. humidity



NOTE FOR PREPARATION:

All mineral substrates as well as good gritted mastic asphalt to conform to standards has to be primed with PALLMANN P104.

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). After opening, remove the cover film and if necessary, remove any skin that may have formed on top of the adhesive. Do not mix it in.
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. 30 - 40 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. After use, clean tools with water. Remove adhesive residues with water while fresh.

CONSUMPTION:

Sort of Parquet	Toothing	Usage ca.
Strip wood flooring	B11	1.000 - 1.200 g/m ²
Multi-ply wood flooring	B11	1.000 - 1.200 g/m ²
Solid wood planks	PALLMANN SOLID BOARD NOTCH TROWEL	1.200 g/m ²

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.
- ▶ Tightly reseal opened containers and use the contents as quickly as possible.
- ▶ Warning! There is a risk of dimensional swelling if wood flooring has dried below standard levels at an increase of the air humidity.
- ▶ Obtain technical advice for solid planks.
- ▶ To be used for exotic wood types 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 adhesive containing methoxysilane. Non flammable. Avoid contact with eyes and skin. When curing, produces traces of methanol. Ensure good ventilation during application. Wear protective gloves and safety-goggles. After contact with skin wash 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 and allow to harden, then dispose as Construction Waste.