



# PALLMANN P6

Solvent free STP wood flooring adhesive

## Areas of application:

Hard 1-component wood flooring adhesive of the next technology generation with high shear resistance in accordance with DIN 14 293. PALLMANN P6 combines the strength of common 2-component wood flooring adhesives with the ease of handling of 1-component products.

## Especially suitable for:

- Stab wood flooring
- Multi-ply/pre-finished wood floors (engineered boards)
- On-edge wood floors
- Mosaic wood flooring
- Floor boards
- For exotic wood types, see 'Important notes'

## Beware:

Suitable for use on:

- cementitious screeds, calcium sulphate screeds or concrete
- new, firmly screw-fixed chipboard P4 – P7 or OSB 2 – OSB 4 panels
- new mastic asphalt (screeds)
- precast screeds, gypsum fibre boards
- levelling compounds suitable for wood flooring
- UZIN insulating and installation underlays suitable for wood flooring
- hot water underfloor heating

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

## Properties

The new solvent-free and water-free adhesive is very friendly to processing, well spreadable with excellent ridge formation and high suction liability. Pallmann P6 persuades a high filling capacity, a hard ridge formation and a high shear resistance. P6 is for all current hardwood kinds applicable.

Due to the use of new raw materials, PALLMANN P6 harmonizes perfectly with all PALLMANN parquet lacquers and oils. Pallmann P6 provides the highest possible level of emission safety and contributes towards creating a healthy indoor climate and is marked with the "Blue Angel" for low-emission floor covering adhesives.

- Hard adhesive ridge
- No swelling effect on parquet flooring
- Excellent filling capacity
- Wide variety of applications
- Fresh adhesive adheres to reacted and cured adhesive
- Adhesive residues on wood flooring can be removed while fresh
- EMICODE EC 1 R PLUS/Very low emission
- Solvent-free
- RAL UZ 113 / Environmentally compatible because of low emission

## Technical data:

Packaging:	plastic bucket
Packsize:	16 kg
Shelf life:	at least 6 months
Consumption:	approx. 1,000 – 1,200 g/m <sup>2</sup>
Working temperature:	min. 15 °C / 59° F at floor level
Working time:	approx. 30 – 40 min.*
Load bearing:	after approx. 12 hours*
Ready for sanding/sealing:	after approx. 24 hours*

At 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. New cement and calcium screeds must be abraded and vacuumed off. Check the substrate according to the applicable standards and report any deficiency. 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.

Refer to the product data sheets for the products used.

## Application:

1. Before use, allow the contents to acclimatize. 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. 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.
2. Lay the woodfloor pieces into the adhesive bed and press well down. Ensure full adhesive transfer to the underside of the woodfloor.
3. Using wedges, leave a gap of approx. 10 mm between the woodflooring and the wall.

Note: Remove adhesive residues with cleaning cloths of the UZIN Clean-Box while fresh. Adhesive residues can be rubbed off with extra effort when cured.

## Consumption data:

Type of parquet	Notch size	Consumption
Mosaic wood flooring (8 mm solid parquet)	B 3	approx. 1000 – 1200 g/m <sup>2</sup>
All other types of parquet	B 11	approx. 1000 – 1200 g/m <sup>2</sup>
Floor boards	PALLMANN solid board	approx. 1200 g/m <sup>2</sup>

## Important notes:

- Original containers can be stored for at least 6 months in cool dry conditions. Protect from frost. In the case of containers which have been started, cover using the film in order to create a seal and use up as quickly as possible.
- Optimum working conditions: at temperature of 18 – 25 °C /64 – 77 °F and with relative air humidity of > 35 % and < 65 %.
- If the required standards for wood- and air-moisture and proper acclimatisation are observed, the wood floor can be sanded and sealed after 48 hours.
- Warning! There is a risk of dimensional swelling if wood flooring has dried below standard levels at an increase of the air humidity.
- To be used for exotic wood types only after a written installation recommendation by the manufacturer.
- Kindly refer to locally applicable standards. In Germany for instance the following standards and notices are applicable and especially recommended: DIN 18356 'Work involving parquet flooring', TKB notice 'Bonding parquet flooring', TKB notice 'Assessing and preparing substrates for covering floors and work with parquet flooring', BEB notice 'Assessing and preparing substrates', DIN / EN 14342 'Parquet and wood-flooring'.

## Protection of the Workplace and the Environment:

A solvent-free, methoxysilane-containing adhesive for parquet flooring. The use of skin protection lotion is always recommended. Store out of reach from children. Provide thorough ventilation during and after processing/drying! Avoid eating, drinking and smoking while processing the product. In the event of contact with the eyes or skin, rinse thoroughly and immediately with water.

Do not allow to enter the sewer system, bodies of water or the soil. Clean the tools with water and soap immediately after use. The basic prerequisites for optimal room air quality after floor covering work consist of installation conditions conforming to standards and well-dried substrates, primers and levelling compounds.

## 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](http://www.pallmann.net)

