



PALLMANN P4

Solventfree 1-component STP wood flooring adhesive

Areas of application:

1-component STP multi-ply wood flooring adhesive with hard elastic adhesive ridge for the time-saving and economic installation of multi-ply wood flooring.

For interior use.

Main area of application:

- Multi-ply wood floors up to 2200 x 200 mm

Especially suitable for:

- cementitious screeds, calcium sulphate screeds or concrete
- new, firmly screw-fixed chipboard P4 – P7 or OSB 2 – OSB 4 panels
- levelling compounds for multi-ply wood floors
- hot water underfloor heating

Beware:

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

Properties

1-component STP adhesive joining the strong elasticity of a polyurethane adhesive with the advantages of modern STP technology. Solvent-free and water-free, therefore very easy-to-use without any dimensional swelling of the wood flooring

- Hard-elastic ridges
- Excellent ridge formation
- Adhesive residues on the wood flooring surface can be removed
- EMICODE EC 1 R PLUS/Very low emission
- Solvent-free

Technical data:

Packaging:	tubular bag, plastic bucket
Packsizes:	12 x 600 ml, 4 x 3,75 kg, 16 kg
Shelf life:	at least 12 months
Consumption:	approx. 1,000 – 1,200 g/m ²
Working temperature:	min. 15 °C / 59° F at floor level
Working time:	approx. 20 min.*
Load bearing:	after approx. 24 hours*
Final strength:	after 5 – 7 days (approx)

At Standard temperature* and 65 % relative air humidity



PALLMANN P4

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 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. All mineral substrates, as well as good gritted mastic asphalt, which conforming to standards, has to be primed with PALLMANN P104. Prime uneven or very rough substrates with UZIN PE 360 universal primer and apply UZIN NC 174 NEU wood flooring smoothing compound to a minimum thickness of 2 -3 mm. 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. 20 minutes.
2. Lay the woodfloor pieces into the adhesive bed and press well down. Ensure full adhesive transfer to the underside of the wood floor.
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.

Type of wood flooring	notch size	Consumption
Multi-ply wood flooring	B 11	approx. 1,000–1,200 g/m ²

Important notes:

- Original containers can be stored for at least 12 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 %.
- By installing the large-size elements, a raised evenness of the subsoil should be achieved. The use of PALLMANN solid board notch trowel is recommended.
- 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.
- DIN 18356 'Work involving parquet flooring'
- TKB notice 1 'Bonding parquet flooring'
- TKB notice 8 'Assessing and preparing substrates for covering floors and work with parquet flooring'
- BEB notice 'Assessing and preparing substrates'

Protection of the Workplace and the Environment:

A solvent-free, methoxysilane-containing adhesive for parquet flooring. Non-flammable. Causes serious eye irritation. May cause an allergic skin reaction. When hardening, small traces of methanol are released. Due to this, ventilate well when working with the product. Use barrier cream, protective gloves and safety goggles. Avoid contact with skin or contact with eyes. 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.

EMICODE EC 1 R PLUS – very low emission. Within the scope of current knowledge, gives off no emissions of formaldehyde, hazardous materials or volatile organic compounds (VOC). When fully dried, has a neutral odour and presents no physiological or ecological risk.

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

