

# WAKOL PU 225 Parquet Adhesive

## Technical Information

### Area of application

2-component reaction adhesive according to DIN EN ISO 17178 for the shear-resistant laying of

- 10 mm solid wood lamparquet flooring according to DIN EN 13227
- Mosaic parquet according to DIN EN 13488
- On-edge lamella parquet according to DIN EN 14761
- Strip parquet according to DIN EN 13226
- Multi-layer parquet according to DIN EN 13489
- Solid wood planks according to DIN EN 13226 and DIN EN 13990
- Wood-block RE/WE according to DIN 68702
- Laminate flooring approved by the manufacturer for full-area bonding

on properly prepared absorbent and non-absorbent subfloors indoors.

### Special properties



- solvent-free as defined by TRGS 610
- complies with DIN EN ISO 17178
- water-free – no wood swelling

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS: very low in emissions
- 2) Emissions class according to French law
- 3) Solvent-free polyurethane laying materials
- 4) Emissions-certified construction product i.a.w. DIBt principles: Wakol GmbH, 66954 Pirmasens
- 5) Marine equipment product acc. to directive 2014/90/EU Notified Body 0736 Module B and D. Declaration of Conformity available online at [www.wakol.de](http://www.wakol.de)
- 6) Connected Systems guarantee in the system with approved LOBADUR varnishes and LOBASOL oils from Loba. See <https://www.loba.de/en/products/connected-systems/>
- 7) Suitable for underfloor heating
- 8) Suitable for exposure to castor wheels

## Technical data

Raw material base:	Polyurethane
Mixing ratio:	8 parts by weight, component A, + 1 parts by weight, component B
Airing time:	none
Open time:	approx. 50 minutes
Pot life:	approx. 35-40 minutes
Setting time:	approx. 24-48 hours
Surface treatment:	after at least 24 hours
Cleaning agent:	WAKOL RT 5960 Cleaning Cloths before adhesive sets
Storage time:	12 months at room temperature
Storage temperature:	not below +5 °C, sensitive to frost

## Application and consumption<sup>9)</sup>

TKB B3	800-1000 g/m <sup>2</sup>	Mosaic parquet Small-formatted ready-to-lay parquet
TKB B5	700-900 g/m <sup>2</sup>	Large-formatted ready-to-lay parquet Laminate
TKB B11	1000-1200 g/m <sup>2</sup>	Lamparquet On-edge lamella parquet Strip parquet Small-formatted ready-to-lay parquet Wood block
TKB B13	1100-1300 g/m <sup>2</sup>	Large-sized strip parquet Large-formatted ready-to-lay parquet Solid wood planks
TKB B15	1400-1500 g/m <sup>2</sup>	Large-sized multi-layer parquet Solid wood planks

9) Consumption is dependent on surface structure and absorbability of subfloor.

## Subfloors

The subfloor as well as the room climate conditions must meet the requirements of the applicable standards and data sheets. Subfloors must be permanently dry, solid, level, free from cracks, dirt and adhesion-inhibiting substances. Mechanically pre-treat and thoroughly vacuum-clean calcium sulphate screeds according to the manufacturer's specifications or according to the applicable standards and data sheets.

We recommend priming concrete subfloors with integrated floor heating. Allow drying time of the primer.

## Usage

Let the contents of the hardener container completely flow into the resin container and intensively mix both components with a suitable stirring implement for at least 3 minutes until a uniform colour is attained and no more streaks can be seen.

Apply the adhesive uniformly with a notched trowel, without letting the adhesive pool. Fit the parquet flooring immediately and press it down firmly. Ensure that the underside of each wooden element is sufficiently coated with adhesive.

The laid areas should not be walked on during the first 4 - 6 hours.

The parquet can be sanded and sealed once it has set completely – after 24 hours, under standardised climatic conditions

Clean the tools using the WAKOL RT 5960 Cleaning Cloth immediately after use. After it has set completely, the adhesive can only be removed by machine.

## Important

Processing not below floor temperature of +15 °C and room temperature of +18 °C, as well as room humidity preferably between 40 % and 65 %, maximum 75 %. All information is based on approx. 20 °C and 50 % relative air humidity.

In cold weather, warm up all laying materials in a heated room before use.

Solid wood lamparquet flooring must not exceed a thickness/width ratio of 1:5.

Completely remove spots on sealed surfaces with WAKOL RT 5960 Cleaning Cloths before the adhesive sets. Dried adhesive residue can be only removed by machine.

Parquet flooring made of smoked oak must not emit an odour of ammonia before laying.

For ship construction the usage is limited to a maximum application amount of 720 g/m<sup>2</sup>.

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience and refers to standardised conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the currently applicable codes must be observed. We gladly provide technical advice.

The product data sheets can be found in their latest version at [www.wakol.com](http://www.wakol.com).

This Technical Information of 29.12.2020 supersedes all previous versions.