

WAKOL PU 225 Parquet Adhesive

Technical information

Area of application

2-component reaction adhesive according to DIN EN 14293 for the shear-resistant laying of

- 10 mm solid wood lam parquet 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
- flooring stratifie approved by the manufacturer for full-area bonding on absorbent and non-absorbent subfloors indoors.

Special properties



1)



2)



3)



4)



5)

- solvent-free according the definition of TRGS 610
- corresponds to DIN 14293
- suitable for underfloor heating
- water-free, no wood swelling

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS R: very low in emissions
- 2) Permitted as marine equipment product by the See-Berufsgenossenschaft Hamburg, Module B and Module D. Declaration of conformity, see www.wakol.de.
- 3) Connected Systems System guarantee with Loba
- 4) Emissions-certified construction product i.a.w. DIBt principles: Wakol GmbH, 66954 Pirmasens
- 5) Emissions class according to French law

Technical data

Raw material basis:	polyurethane resin and hardener
Mixing ratio:	8 parts by weight of comp. A + 1 part by weight of comp. B
Airing time:	none
Open time:	approx. 50 minutes.
Pot life:	approx. 35 - 40 minutes

Setting time:	approx. 24 - 48 hours.	
Surface treatment:	earliest after 24 hours	
Cleaning agent:	WAKOL RT 5960 Cleanding Cloths before adhesive sets.	
Storage time:	12 months at room temperature	
Storage temperature:	not below 5 °C, sensitive to frost	
GISCODE:	RU1	
EMICODE:	EC1 PLUS R	
Application and consumption ⁶⁾ :		
TKB B3	800 - 1000 g/m ²	Mosaic and small-sized ready-to-lay parquet
TKB B5	700 - 900 g/m ²	Large-sized ready-to-lay parquet and laminate
TKB B11	1000 - 1200 g/m ²	Lam, on-edge lamella, strip flooring, small-sized ready-to-lay parquet and wood-block paving
TKB B13	1100 - 1300 g/m ²	Large-sized strip flooring and ready-to-lay parquet, as well as solid wood planks
TKB B15	1400 - 1500 g/m ²	Large-sized multi-layer parquet, solid wood planks

6) Consumption is dependent on surface structure and absorbability of subfloor

Subfloors

The subfloor and the climatic conditions of the room must meet the requirements of DIN 18356. Subfloors must be permanently dry, solid, and free from cracks, dirt and adhesion-inhibiting substances. Mechanically pretreat and vacuum-clean calcium sulphate concrete according to manufacturer's specifications or according to the applicable standards and codes.

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

Usage

Pour contents of the hardener container completely into the resin container and intensively mix together both components with a suitable stirring device for at least 3 minutes, until a uniform colour tone occurs and no streaking is apparent.

Using a notched trowel, apply adhesive uniformly, avoiding adhesive pools. Immediately lay parquet and press well. Ensure that the entire underside of each wooden element is sufficient coated with adhesive.

The laid areas should not be trodden within the first 4 - 6 hours.

The parquet may be sanded and sealed after complete hardening, under standardised climatic conditions, after 24 hours.

After use immediately clean tools with WAKOL RT 5960 Cleaning Cloths. After hardening, WAKOL PU 225 can be removed only by mechanical means!

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 %.
In cold weather, warm up in due time in heated room.

Solid wood lam parquet 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 removed only mechanically.

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/m².

All information is based on approx. 20 °C and 65 % relative air humidity.

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.

This Technical Information of 02.08.2016 supersedes all previous versions.