

# WAKOL MS 228 Ready-to-lay Parquet Adhesive, elastic

## Technical Information

### Area of application

Elastic, single-component parquet adhesive for laying

- Multi-layer parquet according to DIN EN 13489

on properly prepared absorbent and non-absorbent subfloors indoors.

Use as a moisture barrier :

In conjunction with WAKOL Speciality Trowel 5 or WAKOL Speciality Trowel Blade 5 also suitable as adhesive with integrated moisture barrier exclusively for parquet flooring with tongue and groove joints on unheated cement screeds up to max. 4 CM% / 90% KRL and unheated concrete floors up to max. 6 by weight % / 90% KRL.

### 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) M1 classification for construction products according to the guidelines of the institute "The Building Information Foundation RTS sr"
- 3) Emissions class according to French law
- 4) Laying materials containing methoxysilane
- 5) Emissions-certified construction product i.a.w. DIBt principles: Wakol GmbH, 66954 Pirmasens
- 6) Polish B mark for construction product i.a.w. EN ISO 17178
- 7) Connected Systems guarantee in the system with approved LOBADUR varnishes and LOBASOL oils from Loba. See <https://www.loba.de/en/products/connected-systems/>
- 8) Suitable for underfloor heating
- 9) Suitable for exposure to castor wheels

## Technical data

Raw material base:	Silane-modified polymer
Setting time:	none
Open time:	approx. 40 minutes
Setting time:	approx. 24 - 48 hours
Cleaning agent:	WAKOL RT 5960 Cleaning Cloths before adhesive sets
Storage time:	18 months at room temperature
Storage temperature:	not sensitive to frost

### Application and consumption<sup>10)</sup>

TKB B3	800-1000 g/m <sup>2</sup>	Small-sized multi-layer parquet
TKB B11	1000-1200 g/m <sup>2</sup>	Small-sized multi-layer parquet
TKB B13	1100-1300 g/m <sup>2</sup>	Large-sized multi-layer parquet
TKB B15	1400-1500 g/m <sup>2</sup>	Large-sized multi-layer parquet
WAKOL Speciality Trowel 5 WAKOL Speciality Trowel Blade 5	1700-1800 g/m <sup>2</sup>	Multilayer parquet up to max. 4 CM% or 90% corresponding relative humidity

10) 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. Provided that the existing screed is free from dust, the parquet can be bonded directly on the subfloor. If a primer is necessary WAKOL D 3055 Parquet Primer can be used on cement-based and calcium sulphate bonded screeds. Allow drying time of the primer.

When using WAKOL PU 280 Polyurethane Primer or WAKOL PU 235 Polyurethane Primer the direct bonding with WAKOL MS 228 Ready to lay Parquet Adhesive needs a minimum waiting time of 12 hours but within 72 hours after application of the primer. On unheated cement screeds up to 4 CM % or 90 % corresponding relative humidity, MS-Parquet Adhesive can be used as a moisture barrier.

## Usage

Using a notched trowel, apply uniformly on the subfloor, 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.

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.

Do not use WAKOL MS 228 Ready-to-lay Parquet Adhesive, elastic on mastic asphalt, WAKOL PU 280 Polyurethane Primer or WAKOL PU 235 Polyurethane Primer.

Adhesive in the parquet joint should generally be avoided as it may lead to undesired interactions with surface treatment products.

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 current national standards 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 24.07.2023 supersedes all previous versions.