

# WAKOL MS 299 Parquet Adhesive, shear-resistant

## Technical Information

### Area of application

1-component parquet adhesive according to DIN EN ISO 17178 for shear-resistant laying of

- Mosaic parquet according to DIN EN 13488
- On-edge lamella parquet according to DIN EN 14761
- 10 mm solid wood lamparquet flooring according to DIN EN 13227
- 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
- Cork flooring with an HDF/MDF intermediate layer and a cork stabilising layer
- Wakol Decoupling Sheet
- Wakol Uncoupling Fleece
- Wakol Footfall Soundproofing Mats

on properly prepared absorbent and non-absorbent subfloors indoors.

### Special properties



- free from plasticizing substances
- solvent-free as defined by TRGS 610
- complies with DIN EN ISO 17178
- very high final strength
- water-free – no wood swelling
- risk of cracks minimised

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS: very low in emissions
- 2) With the "Blue Angel" label for low emission laying materials according to RAL DE – UZ 113
- 3) Emissions class according to French law
- 4) Laying materials containing methoxysilane
- 5) Polish B mark for construction product i.a.w. EN ISO 17178
- 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:	Silane-modified polymer
Material composition:	Silane-modified polymer Mineral fillers Additives
Airing time:	none
Open time:	approx. 40 minutes
Setting time:	approx. 24 hours
Surface treatment:	after 12 hours on absorbent subfloors, after 24 hours on non-absorbent subfloors
Cleaning agent:	WAKOL RT 5960 Cleaning Cloths before adhesive sets
Storage time:	12 months in the sealed container
Storage temperature:	not sensitive to frost

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

TKB B2	600-700 g/m <sup>2</sup>	Wakol Uncoupling Fleece Wakol Footfall Soundproofing Mats
TKB B3	800-1000 g/m <sup>2</sup>	Mosaic parquet Small-formatted ready-to-lay parquet On-edge lamella parquet up to 16 mm
TKB B11	1000-1200 g/m <sup>2</sup>	Lamparquet On-edge lamella parquet floors from 16 mm Strip parquet Small-formatted ready-to-lay parquet Wood block Cork flooring on HDF/MDF supports Wakol Decoupling Sheet
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>	Solid wood planks Wood block Strip parquet

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. 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. On mastic asphalt concrete use only Wakol reaction resin primer as WAKOL PU 280 Polyurethane Primer or WAKOL MS 330 Silane Primer.

Allow drying time of the primer.

## 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.

## Work an environmental safety

Keep out of the reach of children.

Ensure sufficient ventilation during use and drying!

Splitting of the methanol occurs during the setting process.

Wear protective gloves.

Avoid eating, drinking and smoking while applying the product and wear protective gloves.

Immediately and thoroughly rinse eyes and skin with water in case of contact.

Do not allow product to enter the sewage system, bodies of water or the ground.

## Disposal

Only empty containers are suitable for recycling. Dried material residue may be disposed of as household waste.

## 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.

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

We recommend Wakol adhesives and LOBA products which have the Connected Systems symbol and are compatible.

Lay wood-block paving in the system with WAKOL TS 102 Footfall Soundproofing Mat, 2 mm, WAKOL TS 103 Footfall Soundproofing Mat, 3 mm or WAKOL TS 112 Footfall Soundproofing Mat, 2 mm. Direct bonding to subfloors only after consultation with Application Technology.

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

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 04.12.2023 supersedes all previous versions.