

WAKOL MS 290 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 (planar) according to ISO 3813 or DIN EN 12104
- Cork flooring with an HDF/MDF intermediate layer and a cork stabilising layer

on properly prepared absorbent and non-absorbent subfloors indoors.

Special properties



- free from plasticizing substances
- shear-resistant bonding
- water-free – no wood swelling
- complies with DIN EN ISO 17178
- No interactions upon direct contact with Loba oils

- 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

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| Raw material base: | Silane-modified polymer |
| Airing time: | none |
| Open time: | approx. 40 minutes |
| Setting time: | approx. 24-48 hours |
| Surface treatment: | after 6 hours on absorbent subfloors, after 24 hours on non-absorbent subfloors |
| Cleaning agent: | WAKOL RT 5960 Cleaning Cloth, in fresh condition |
| Storage time: | 18 months in the sealed container |
| Storage temperature: | not sensitive to frost |

Application and consumption¹⁰⁾

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| TKB A2 | 400-450 g/m ² | Cork flooring |
| TKB B3 | 800-1000 g/m ² | Mosaic parquet Small-formatted ready-to-lay parquet |
| TKB B5 | 700-900 g/m ² | Large-formatted ready-to-lay parquet Cork flooring on supports |
| TKB B11 | 1000-1200 g/m ² | Lamparquet On-edge lamella parquet Strip parquet Small-formatted ready-to-lay parquet Wood block |
| TKB B13 | 1100-1300 g/m ² | Large-sized strip parquet Large-formatted ready-to-lay parquet Solid wood planks |

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.

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.

Fit cork flooring and press down with a manual roller. After 60 and 120 minutes, again use a floor roller to press down the sections laid.

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.

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 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 12.03.2021 supersedes all previous versions.