

WAKOL D 1640 Parquet Adhesive

Technical Information

Area of application

Dispersion parquet adhesive according to DIN EN ISO 17178 for the shear-resistant laying of

- Mosaic parquet according to DIN EN 13488
- On-edge lamella parquet according to DIN EN 14761, min. 16 mm thick, max. 200 mm long
- Strip parquet according to DIN EN 13226, oak
- Multi-layer parquet flooring according to DIN EN 13489, up to a max. length of 220 cm on new, standardised, highly absorbent cement screed indoors.

Special properties



- solvent-free as defined by TRGS 610
- complies with DIN EN ISO 17178

- 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 dispersion laying materials
- 4) Emissions-certified construction product i.a.w. DIBt principles: Wakol GmbH, 66954 Pirmasens
- 5) Connected Systems guarantee in the system with approved LOBADUR varnishes and LOBASOL oils from Loba. See <https://www.loba.de/en/products/connected-systems/>
- 6) Suitable for underfloor heating
- 7) Suitable for exposure to castor wheels

Technical data

Raw material base:	Synthetic resin dispersion
Airing time:	none
Open time:	approx. 10 - 15 minutes
Setting time:	after approx. 24 - 48 hours
Surface treatment:	after the original wood moisture level is attained
Cleaning agent:	Water, before adhesive starts to dry
Storage temperature:	not below +5 °C, sensitive to frost

Storage time: 12 months at room temperature

Application and consumption⁸⁾

TKB B3	700 - 900 g/m ²	Mosaic parquet Small-formatted ready-to-lay parquet
TKB B11	900 - 1100 g/m ²	On-edge lamella parquet Strip parquet Small-formatted ready-to-lay parquet
TKB B13	1200 - 1300 g/m ²	Large-sized multi-layer parquet

8) 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 level, extremely absorbent, permanently dry, solid, even, and free from cracks, dirt and adhesion-inhibiting substances.

Additives in cement paving may impair absorbability. Before laying, check that there is sufficient absorbability of the subfloor.

A levelling compound, such as WAKOL Z 615 Levelling Compound, dust-reduced, must be applied with a layer thickness of at least 2 mm when laying parquet on mastic asphalt, calcium sulphate screeds and non-absorbent subfloors.

Alternatively, WAKOL MS or PU Parquet Adhesives can also be used for direct bonding on mastic asphalt and calcium sulphate screed taking into consideration the corresponding technical information.

A more even subfloor is required for laying multi-layer parquet elements longer than 70 cm, with a maximum height difference of 2 mm across a measured section of 1 m.

Usage

Stir adhesive well before using. Using a notched trowel, apply uniformly on the subfloor, without letting the adhesive pool.

Do not apply more adhesive than can be processed within the specified open time at the parquet. Fit the parquet flooring immediately and press it down firmly. Ensure that the underside of each wooden element is sufficiently coated with adhesive.

Maintain expansion joints along all adjoining components.

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.

Strip parquet must not exceed a thickness/width ratio of 1:4 or a length of 600 mm.

Before laying multi-layer parquet with HDF substrate, consult the Application Technology department.

For laying exotic parquet, strip parquet with other types of wood than oak as well as for finished 1-layer parquet floor elements, use Wakol MS or PU Parquet Adhesives.

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 04.01.2021 supersedes all previous versions.