

WAKOL K 450 Solid Parquet Adhesive

Technical Information

Area of application

Synthetic resin 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
- Strip parquet according to DIN EN 13226
- Multi-layer parquet according to DIN EN 13489
- Wood-block RE/WE according to DIN 68702

on properly prepared absorbent subfloors indoors.

Special properties



1)



2)



3)



4)

- complies with DIN EN ISO 17178

- 1) Emissions class according to French law
- 2) Solvent-based laying materials, aromatic-free and methanol-free
- 3) Suitable for underfloor heating
- 4) Suitable for exposure to castor wheels

Technical data

Raw material base:	Synthetic resins
Airing time:	none
Open time:	approx. 10 minutes
Setting time:	after approx. 48 - 72 hours
Surface treatment:	after approx. 72 hours
Cleaning agent:	WAKOL RV 105 Neoprene Dilution, in fresh condition
Storage temperature:	not sensitive to frost
Storage time:	12 months in the sealed container

Application and consumption⁵⁾

TKB B3	900 - 1100 g/m ²	Mosaic parquet Small-sized multi-layer parquet
TKB B5	800 - 1100 g/m ²	Large-sized multi-layer parquet
TKB B11	1100 - 1300 g/m ²	On-edge lamella parquet Strip parquet Small-sized multi-layer parquet Wood block

5) Consumption depends on the surface structure and absorbability of the subfloor, as well as the processing speed when using the WAKOL Replaceable Nozzles. Ensure adequate wetting of the back of the wood.

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.

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.

Adhesives suitable for finished single-layer parquet floor elements, such as WAKOL MS 290 Parquet Adhesive, WAKOL MS 260 Parquet Adhesive, firm-elastic, WAKOL PU 210 Parquet Adhesive, PU 210 Parquet Adhesive, WAKOL PU 225 Parquet Adhesive or WAKOL PU 385 Parquet Adhesive, should be used.

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.

This Technical Information of 04.01.2021 supersedes all previous versions.