

WAKOL K 410 Parquet Adhesive with VOC Control

Technical Information

Area of application

Synthetic resin parquet adhesive according to DIN EN 14293 for the shear-resistant laying of

- 10 mm solid wood lamparquet flooring according to DIN EN 13227
- 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
- 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

on properly prepared absorbent subfloors indoors.

When processing this material, always work below, i.e. within, workplace limit values; breathing equipment is not required.

Special properties



- reduced solvent content
- complies with DIN EN 14293
- can be applied without the use of breathing equipment
- better emission characteristics than GISCODE S 0.5
- remarkably free of odour
- long open time

1) Emissions class according to French law

2) Not applicable because emission characteristics substantially better than those of GISCODE S0,5

3) Controlled release of VOC into ambient air

4) Suitable for underfloor heating

5) Suitable for exposure to castor wheels

Technical data

Raw material base: Synthetic resins

Airing time:	none
Open time:	at least 50 minutes thanks to VOC control technology
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 at room temperature
GISCODE:	not applicable because the emission characteristics are substantially better than GISCODE S0.5

Application and consumption⁶⁾

TKB B3	900 - 1000 g/m ²	Mosaic parquet Small-formatted ready-to-lay parquet
TKB B5	800 - 1100 g/m ²	Large-formatted ready-to-lay parquet
TKB B11	1100 - 1300 g/m ²	Lamparquet On-edge lamella parquet Strip parquet Small-formatted ready-to-lay parquet Wood block
TKB B13	1200 - 1400 g/m ²	Large-sized strip parquet Large-formatted ready-to-lay parquet Solid wood planks

6) 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.

Usage

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

Evaporation of the solvents from the adhesive grooves that have been applied is delayed thanks to VOC technology. The adhesive remains open for at least 50 minutes – ideal for complicated laying patterns and flooring around perimeters. As soon as the parquet flooring

has been laid and pressed down, the adhesive bonds rapidly, forming a strong bond as usual. 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.

Do not use diluted adhesive as a preliminary layer.

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

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, WAKOL PU 215 Parquet Adhesive or WAKOL PU 225 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.

The product data sheets can be found in their latest version at www.wakol.com.

This Technical Information of 09.11.2020 supersedes all previous versions.