

# UZIN MK 100

Very low emission, solvent- and water-free, flexible hybrid-adhesive for parquet

## Description:

1-component parquet adhesive with a very wide range of uses, for bonding parquet and especially for moisture sensitive woods and formats.

Recommended for:

- ▶ Stab parquet
- ▶ Mosaics
- ▶ On-edge parquet
- ▶ Laminated / pre-finished parquet
- ▶ Solid boards
- ▶ Exotic timbers
- ▶ Smoked oak
- ▶ Woodblocks RE up to 30 mm

Suitable on subfloors with adequate strength such as, e.g. cement- and calcium sulphate-screeds, concrete, chipboard V100, all UZIN insulating underlays suitable for parquet, as well as on warm water underfloor heating systems.

In accordance with TRGS 610, solvent-based adhesives are becoming more and more restricted and water-based dispersion adhesives can often only be used with parquet subject to conditions, therefore:

UZIN MK 100 flexible parquet adhesive – solvent- and water-free, flexible and fast – the technically sound alternative for almost all types of parquet and substrates.

## Product Properties / Benefits:

1-component, moisture-cured MSP hybrid adhesive that combines the powerful flexibility of a PU adhesive with the advantages of modern MS technology. Solvent- and water-free, therefore, to a great extent, user-friendly and with no damaging swelling effect on parquet. With a highly elastic, but not too soft adhesive bond, dissipates shear forces and reduces the transfer of damaging forces to the substrate.



Binding agents: modified silane prepolymer

- ▶ Easy to apply
- ▶ High suction grab
- ▶ Good trowel ridge formation
- ▶ Rapid grab
- ▶ Flexible adhesive cure
- ▶ Dissipates shear forces
- ▶ Universal range of uses
- ▶ Adhesive residues on parquet can be removed
- ▶ Solvent- and water-free
- ▶ No hazard labelling
- ▶ EMICODE EC 1/very low emission

## Technical Data:

Packaging:	metal bucket
Packsize:	16 kg
Shelf life:	min. 6 months
Colour:	beige
Consumption:	approx. 1,000 g / m <sup>2</sup>
Working temperature:	min. 15 °C / 59 °F at floor level
Open time:	none*
Working time:	20 – 25 minutes*
Load bearing:	after approx. 24 hours*
Sanding / Sealing:	after approx. 72 hours*
Final strength:	after 5 – 7 days*

\* Under normal conditions at 20 °C / 68 °F.



## Subfloor Preparation:

The subfloor must be level, sound, dry, free from cracks and free from materials that would impair adhesion.

Calcium sulphate screeds must be abraded and vacuumed, either as a finishing process by the screed installer or as a chargeable service by the parquet installer.

Test the subfloor in accordance with applicable standards and notices and report any deficiencies. When working with parquet, especially careful testing of the subfloor is recommended. Thoroughly brush, abrade, grind or shot-blast any soft or weakly-bonded surface areas. Thoroughly vacuum off loose material and dust.

Prime absorbent and porous surfaces with 2-component reaction primer UZIN PE 420 or 2-component epoxy sealer-primer UZIN PE 460. Observe the drying time. On substrates that comply with the standards and are suitable for parquet, primer can be omitted. Prime very uneven or rough surfaces with universal primer UZIN PE 360 and apply a minimum 3 mm thickness of parquet smoothing compound UZIN NC 174 to achieve improved levels in accordance with the manufacturer's instructions.

Refer to the Product Data Sheets for the products used.

## Application:

1. Before use, allow the contents of the containers to come to room temperature. After opening, peel the cover-film from the surface and, if necessary, remove any surface skin that has formed; do not mix in. Apply the adhesive evenly onto the subfloor using a notched trowel. Only apply as much adhesive as can be covered within 20 – 25 minutes.
2. Lay the parquet pieces into the adhesive bed with a light twisting motion and press well down or roll. Ensure full adhesive transfer to the underside of the parquet.
3. Using wedges, allow a gap of 10 – 15 mm between the parquet and walls. Remove the wedges immediately after installation.
4. Note: remove adhesive contamination immediately using a clean cloth and, if necessary, with careful use of special thinners UZIN VE 124. Hardened adhesive can be removed from the parquet surface without leaving a residue.

## Consumption:

All Parquet Types	Notch Size	Consumption
	B11	Approx. 1,000 g /m <sup>2</sup>

## Important Notes:

- ▶ Shelf life minimum 6 months in original packaging when stored in cool, dry conditions. Protect from frost. In opened containers, fully cover the adhesive with the film and use as quickly as possible.
- ▶ Optimum working conditions are 18 °C – 25 °C / 64 °F – 77 °F, relative humidity < 75 %. By compliance with standards for wood and air humidity and adequate acclimatisation of the parquet, can be sanded and sealed after 72 hours, e.g. with Pallmann parquet lacquers ([www.pallmann.net](http://www.pallmann.net)).
- ▶ Caution: the installation of parquet that is not sufficiently dry according to required standards can, in the event of a high increase in air humidity, lead to damage from swelling.
- ▶ The following standards and notices are applicable and recommended: /DIN 18 356 "Working with parquet" / Publication of the Adhesives Industry Association e.V. "Bonding of parquet" / Publication of the Central Association of German Construction Trades (ZDB) "Resilient and textile floor coverings and parquet on heated floor constructions" / Technical information 2 / 1990 of the Federal Association for Screeds and Coverings (BEB) "Assessment and preparation of the surfaces of anhydrite flow-screeds" / Publication 2 / 2002 of the BEB "Assessment and preparation of substrates – installation of resilient and textile floor coverings, laminates, parquet and wood-blocks – heated and unheated floor constructions"

## Protection of the Workplace and the Environment:

Solvent-free. Non-flammable. Avoid contact with eyes and skin. During use, ventilate well and wear protective gloves and goggles. In the event of contact with skin, wash with plenty of soap and water. In the event of contact with eyes, rinse immediately with water and consult a doctor. Refer especially to the notes on the container label, as well as the Safety Data Sheet. After drying, has neutral odour and is ecologically and physiologically harmless – does not contaminate the indoor air quality with formaldehyde or other volatile materials. Very low emission – EMICODE EC 1.

## Disposal:

Do not allow into drains, water courses or land-fill. Empty, scraped-out and drip-free metal containers are recyclable [Interseroh]. Containers with unhardened residues and collected, unhardened product residues are Special Waste. Containers with hardened residues are Construction Waste.