Product Datasheet

1-Component Premium STP Wood Flooring Adhesive

UZIN MK 250

Hard, shear-resistant adhesive with long working time for all common types of wood flooring

MAIN APPLICATION FIELD:

- solid wood flooring
- engineered wood flooring
- strip parquet

SUITABLE ON / FOR:

- calcium sulphate or cementitious screeds, concrete
- new P4 - P7 or OSB 2 - OSB 4 boards, screwed
- new mastic asphalt
- precast screeds, screed boards
- smoothing compounds suitable for wood flooring
- UZIN insulating and installation underlays suitable for wood flooring
- warm water underfloor heating systems

PRODUCT BENEFITS/FEATURES:

UZIN MK 250 is a moisture-curing adhesive which incorporates the latest technology. The high-shear adhesive can be used with all wood systems and substrates. The hard adhesive ridge, the excellent adhesion and the high filling capacity are perfect for wood flooring installations. The tube version of UZIN MK 250 is specially designed for applications with the adhesive dispenser UZIN ATD 100. For interior use.

- excellent adhesive ridge
- great adhesion
- hard adhesive according to ISO 17 178
- tubes for applications with UZIN ATD 100
- without emollient ingredients
- adhesive residues on wood flooring can be removed

TECHNICAL DATA:

Packaging	plastic bucket, tubes
Pack size	16 kg, 2 x 7,5 kg (15 kg)
Shelf life	min. 6 months
Color	red-brown / oak
Consumption	1000 - 1200 g/m²
Working time	30 - 40 minutes*
Minimum application temperature	15 °C at ground level
Loadable	after approx. 12 hours*
Grindable	after approx. 24 hours*

*At 20 °C and 65% relative humidity.

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UZIN MK 250

EXTENDED APPLICATIONS:

- mosaic wood flooring (8 mm solid wood flooring)
- on-edge lamella
- engineered wood flooring
- wood-block paving (obtain UZIN application advice)
- exotic wood (obtain UZIN application advice)

SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and free from materials (dirt, oil, grease) that would impair adhesion. Cement and calcium sulphate screeds must be abraded and vacuumed. Test the substrate in accordance with applicable standard or notices and report any deficiencies.

Any adhesion-reducing or unstable layers, e.g. release agents, loose adhesives, compounds, covering or paint residues, etc. must be removed, e.g. by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum loose material and dust. Use a suitable primer from the UZIN Product Guide according to the type and condition of the substrate. Allow any primer that is applied to dry completely.

Priming is not necessary on standard, dry substrates suitable for wood flooring (cementitious or precast screeds). Calcium sulphate screeds, accelerated or rapid cementitious screeds, underfloor heating systems as well as special screed constructions have to be primed with UZIN PE 414 BiTurbo. Obtain application advice if in doubt.

The substrate must be primed with a suitable primer when the adhesive is applied with UZIN ATD 100 (e.g. UZIN PE 414 BiTurbo).

The datasheets for other used products have to be observed.

APPLICATION:

1. Before use, allow the adhesive to come to room temperature. Pull off the foil cover after opening and remove any surface skin if necessary. Do not mix the skin in.
2. Apply an even coat of adhesive onto the substrate using a suitable notched trowel. Do not apply more adhesive than can be laid with good transfer onto the back of the wood flooring within the working time. Press down the wood flooring element well.
3. Remove residues while fresh with wipes from the UZIN Clean-Box. Hardened adhesive can only be removed mechanically.

Using UZIN ATD 100:

1. Before use, allow the adhesive to come to room temperature. Fill UZIN ATD 100 with the tubes according to the instruction.
2. Apply an even coat of adhesive onto the substrate using UZIN ATD 100. Do not apply more adhesive than can be laid with good transfer onto the back of the wood flooring within the working time. Press down the wood flooring element well.
3. Apply an even coat of adhesive onto the substrate using a suitable notched trowel in areas, that are not accessible with UZIN ATD 100.
4. Remove residues while fresh with wipes from the UZIN Clean-Box. Hardened adhesive can only be removed mechanically.
5. Clean UZIN ATD 100 according to the instruction.

CONSUMPTION INFORMATION:

Parquet type	Toothing	Consumption approx.*
Mosaic wood flooring	UZIN ATD 100 / B3	1200 g/m²
All other types of wood flooring	UZIN ATD 100 / B11	1200 g/m²
Solid wood flooring	UZIN ATD 100 / Solid board notched trowel / B13	1200 g/m²

*At 20 °C and 65% relative humidity with tempered adhesive buckets.

IMPORTANT NOTES:

- A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Frost-resistant down to -25 °C. Carefully and tightly reseal opened tubes with cable tie and containers with the foil and use the contents quickly. Allow containers to come to room temperature before use.
- Best applied between 18 - 25 °C, with the floor temperature above 15 °C and relative air humidity below 65%. Low temperatures and low air humidity lengthen the working and drying time. Whilst high temperatures and high air humidity shorten the working and drying time.
- For applications with UZIN ATD 100 use UZIN MK 250 in 2 x 7.5 kg tube packaging.
- The substrate must be even when installing large-size elements. Observe the manufacturer specification if necessary.
- Minimum thickness of any levelling compound below the adhesive is 2 mm.
- Observe good drying of the levelling compound.
- The substructure of wooden floors must be dry. Adequate ventilation or rear-ventilation must be provided, e.g. by removing the existing expansion strip or by installing special skirtings with ventilation holes.
- Mastic asphalt screeds must be well sanded and have a continous and sufficiently wide perimeter joint. Obtain application advice for old mastic asphalt screeds.
- Observe standard wood humidity.
- Observe adequate and uniform distance to rising components, depending on type of wood flooring and room size.
- Ready for grinding and surface treatment after 24 hours (suitable products on www.pallmann.net), with standard wood humidity, air humidiy and sufficient acclimatised wood flooring.
- When installing UZIN Multimoll Vlies/UZIN Multimoll Vlies PLUS with adhesive, care must be taken to ensure that the premises are well ventilated, e.g. through open windows or doors. In rooms with no airflow, the movement of air must be ensured by using mechanical aids, e.g. blowers / fans.

This product is intended exclusively for professional use by qualified commercial users. It must not be supplied to consumers. The above information is based on our experience and careful investigations. The variety of associated materials and different constructions and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the floor covering manufacturer. The publication of this Product Data Sheet invalidates all previous product information. The respective updated version of this datasheet can be found on our website under www.uzin.com | 09/2026

- Follow the generally acknowledged rules of the trade and technology for the installation of wood flooring in respective of the applicable national standards (e.g. EN, DIN, ÖNORM, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- Solvent-free, containing methoxysilane
- EMICODE EC 1 PLUS / Very low emission
- Blue Angel according to DE-UZ 113 / Environmentally friendly because of low emission
- European Model EPD
- Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

COMPOSITION:

Silane-terminated prepolymers, mineral fillers, additives.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free adhesive containing methoxysilane. Keep out of the reach of children. When curing, produces traces of methanol. Ensure good ventilation during and after application / drying! Continue ventilation after floor installation for several days. Do not eat, drink or smoke during the installation. Wear suitable gloves. After contact with eyes or skin, wash immediately with plenty of water. Do not allow to enter drains, sewers or ground. Clean the tools with water and soap immediately after use. No preservatives added. Observe safety information on product label as well as safety data sheet. Hotline for allergy information +49 731 4097-0.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste. Therefore collect waste material and allow to harden, then dispose as Construction Waste.

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