

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

## Applications:

1-component STP wood flooring adhesive with hard, shear-resistant adhesive ridge for the installation of all common types of wood flooring on many different substrates. UZIN MK 250 T with thixotropic adjustment for application with UZIN ATD 100. For interior applications.

Main area of application:

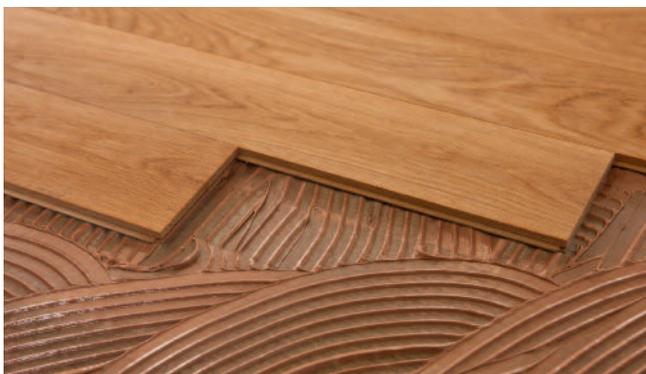
- ▶ Solid and multi-ply wooden flooring
- ▶ Wood block flooring

Extended area of application:

- ▶ Mosaic wood flooring (8 mm solid wood flooring)
- ▶ Edge-laid strips
- ▶ Multi-ply wood flooring
- ▶ Exotic woods (upon consultation of the Technical Customer Service)

Suitable for use on:

- ▶ Cementitious screeds, calcium sulphate screeds or concrete
- ▶ new, firmly screw-fixed chipboard P4 – P7 or OSB 2 – OSB 4 panels
- ▶ new mastic asphalt (screeds)
- ▶ precast screeds, gypsum fibre boards
- ▶ levelling compounds suitable for wood flooring
- ▶ UZIN insulating and installation underlays suitable for wood flooring
- ▶ hot water underfloor heating



UZIN MK 250 provides the highest possible level of emission safety and contributes towards creating a healthy indoor climate. Marked with the "Blue Angel" for low-emission floor covering adhesives and other installation materials according to RAL-UZ 113.



UZIN ÖKOLINE



## Product properties / benefits:

UZIN MK 250 is a moisture-curing wood flooring adhesive of the next technology generation. The product does not contain any emollient ingredients and harmonises with all surface preparation systems and substrates.

Composition: Modified silane prepolymer, mineral fillers, additives.

- ▶ Excellent ridge formation
- ▶ Hard adhesive in accordance with ISO 17 178
- ▶ UZIN MK 250 T for application with UZIN ATD 100
- ▶ Without emollient ingredients
- ▶ Harmonises with all wood flooring lacquers, oil /waxes and does not contain any emollient ingredients
- ▶ Adhesive residues on wood flooring can be removed
- ▶ Solvent-free
- ▶ EMICODE EC 1 R PLUS/very low-emission
- ▶ RAL UZ 113/very low-emission and hence eco-friendly

## Technical specifications:

Packaging UZIN MK 250:	Plastic bucket
Packaging UZIN MK 250 T:	Tubes
Pack sizes UZIN MK 250:	16 kg
Pack sizes UZIN MK 250 T:	2 x 7,5 kg
Pack sizes UZIN MK 250:	16 kg
Pack sizes UZIN MK 250 T:	2 x 7,5 kg
Colour:	red-brown
Consumption:	1000 – 1300 g/m <sup>2</sup>
Working temperature:	min. 15 °C at ground level
Working time UZIN MK 250:	approx. 50 min.*
Working time UZIN MK 250 T:	approx. 30 min.*
Set to traffic:	after approx. 12 hours*
Sanding:	after approx. 48 hours*

\* At 20 °C and 65 % relative humidity.

## Substrate preparation:

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

Any adhesion-reducing or unstable layers, e.g. release agents, adhesives, compounds, covering or paint residues, etc. must be removed, e.g. by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum off loose material and dust. Priming is not necessary on substrates conforming to standards (cementitious screed, precast screed) used to accommodate wood flooring. Prime calcium sulphate screeds, accelerated cementitious screeds, rapid cementitious screeds as well as special screed constructions with UZIN PE 414 Turbo or obtain application consulting.

The product data sheets of the other products used must be observed.

## Application:

1. Allow adhesive to reach room temperature before processing. Pull off the foil cover opening and remove any surface skin that may have formed; do not mix in.
2. Apply adhesive uniformly with suitable notched trowel (see "consumption data") onto the substrate. Do not apply more adhesive to the substrate than can be laid with good wetting of the back of the wood flooring within the working time. Press down the wood flooring element well.
3. Remove adhesive residues with cleaning cloths of the UZIN Clean-Box while fresh. Adhesive residues can be rubbed off with extra effort when cured.

## Consumption information:

	Notch size	Consumption*
Mosaic wood flooring (8 mm solid wood flooring)	B 3	1000 – 1200 g/m <sup>2</sup>
All other wood flooring types	B 11	1000 – 1200 g/m <sup>2</sup>
Solid wood flooring	UZIN Solid board notched trowel	approx. 1200 g/m <sup>2</sup>
UZIN MK 250 T	ATD 100	1000 – 1300 g/m <sup>2</sup>

\*At 20 °C and 65 % relative humidity with room-temperature adhesive containers.

## Important notes:

- ▶ Shelf life at least 6 months in original packaging when stored dry in moderately cool conditions. Frost-resistant to –25 °C. Tightly cover adhesive in open containers with the film and use up contents quickly.

- ▶ Optimum working at 18 – 25 °C, floor temperature over 15 °C and relative humidity below 65 %. Low temperatures and low humidity will delay whilst high temperatures and high humidity will accelerate the installation, setting and drying time.
- ▶ Increased evenness of the substrate must be achieved when installing large-format elements; refer to the manufacturer's specifications, if necessary.
- ▶ The minimum thickness for levelling work is 2 mm.
- ▶ Good drying of the levelling compound must be observed with levelled substrates.
- ▶ 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 skirting with vent openings.
- ▶ Mastic asphalt screeds must be well sanded and exhibit a continuous and sufficiently wide perimeter joint.
- ▶ Obtain application consulting before installing exotic woods.
- ▶ Wood moisture conforming to standards must be observed.
- ▶ Adequate and uniform distance must be maintained to rising components according to the type of wood flooring, wood and room size.
- ▶ When standard wood and air humidity are complied with and the wood flooring has sufficiently acclimatized, grinding and surface treatment can be done already after 48 hours, e.g. using suitable Pallmann products ([www.pallmann.net](http://www.pallmann.net)).
- ▶ Observe the generally acknowledged rules of the trade and technology for the installation of wood flooring as well as the respective applicable standards (e.g. EN, DIN, VOB, Ö-Norm, SIA, etc.). The following standards and bulletins, amongst others, represent supporting information and are recommended for special attention.
  - DIN 18 356 "Working with wood flooring", Ö-Norm B 2218
  - TKB publication "Bonding of wood flooring"
  - Technical bulletin of the Central Association of the German Building Construction Trade (ZDB) "Resilient floor covering, textile floor covering and wood flooring on heated under-floor constructions"
  - TKB publication "Assessment and preparation of substrates for floor covering and wood flooring installation"
  - BEB publication "Assessment and preparation of substrates"

## Protection of the workplace and the environment:

Solvent-free parquet adhesive containing methoxysilane. Keep out of the reach of children. When curing, produces traces of methanol. Ensure good ventilation during and after application/drying! 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 the sewer system, bodies of water or the soil. Clean the tools with water and soap immediately after use.

Observe safety information on product label as well as safety data sheet. Once cured, has a neutral odour and presents no physiological or ecological risk. Does not contaminate the indoor air quality with either formaldehyde or other volatile compounds. EMICODE EC 1 R PLUS – very low emission.

Free of preservatives. Hotline for allergy information +49 (0)731 4097-0.

## Disposal:

Where possible, collect product residues and re-use. Do not empty into drains, sewers or ground. Empty, scraped and drip-free plastic/metall containers are recyclable. Containers with liquid residues are special waste, those with cured residues are Construction Waste. Therefore collect waste material and allow to harden, then dispose as Construction Waste.

