Product Datasheet

1-Component STP Wood Flooring Adhesive

UZIN MK 200

Hard elastic adhesive for tongue and groove wood flooring

MAIN APPLICATION FIELD:

- engineered wood flooring

SUITABLE ON / FOR:

- calcium sulphate or cementitious screeds, concrete
- new P4 - P7 or OSB 2 - OSB 4 boards, screwed
- 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 200 is a moisture-curing adhesive with a long working time. Excellent strength and adhesion combined with a long open time support a reliable installation of large wood flooring, even at high temperatures and/or humidity. For interior use.

- great adhesion
- good ridge formation
- long working time
- UZIN MK 200 T for applications with UZIN ATD 100
- hard elastic adhesive according to ISO 17 178
- adhesive residues on wood flooring can be removed

TECHNICAL DATA:

Packaging	plastic bucket, tube
Pack size	16 kg, 4 x 4 kg (16 kg)
Shelf life	min. 12 months
Color	beige
Consumption	1000 - 1200 g/m²
Working time	30 - 40 minutes*
Minimum application temperature	15°C at ground level
Loadable	after aprox. 12 hours*
Grindable	after approx. 24 hours*

*At 20 °C and 65% relative humidity.

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EXTENDED APPLICATIONS:

- strip parquet
- solid wood flooring (15 - 22 mm)
- engineered wood flooring

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 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.

CONSUMPTION INFORMATION:

Parquet type	Toothing	Consumption approx.*
Multi-ply wood flooring / Strip parquet	B11	1000 - 1200 g/m²
Solid wood flooring	Solid board notched trowel / B13	1200 g/m²

* At 20 °C and 65 % relative humidity.

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 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 200 T with thixotropic adjustment.
- 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.
- 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.
- 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, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- Solvent-free, containing methoxysilane
- EMICODE EC 1 PLUS / Very low emission

COMPOSITION:

Silane-terminated prepolymers, mineral fillers, additives.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free adhesive containing methoxysilane. Non flammable. Avoid contact with eyes and skin. When curing, produces traces of methanol. Ensure good ventilation during application. Wear protective gloves. After contact with skin wash with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 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.

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 | 02/2024

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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