

Wood Flooring Adhesive

UZIN MK 73

Highly solvent-based synthetic resin adhesive

Description:

Synthetic resin solvent-based adhesive in accordance with DIN EN 14 293 for wood flooring.

Especially suitable for:

- ▶ mosaic wood flooring
- ▶ stab wood flooring
- ▶ on-edge wood flooring
- ▶ multi-ply wood flooring
- ▶ exotic timbers

Suitable for use on all normal substrates that are enough sound, e.g. cement- and calcium sulphate- screeds, mastic asphalt, heated screeds, chipboard, on insulating and stress-relieving underlays as well as on warm water underfloor heating systems. For interior use in domestic and commercial locations.

Note: Solvent-based adhesives, are becoming more and more restricted and water-based dispersion adhesives can often only be used conditionally – therefore:

UZIN reaction resin wood flooring adhesives – solvent- and waterfree, flexible and fast – a reliable and, all things considered, economical alternative for all types of wood flooring and substrates.

e.g. 1-Component PU Wood Flooring Adhesive UZIN MK 95
 e.g. 2-Component PU Wood Flooring Adhesive UZIN MK 92 S
 e.g. MSP Wood Flooring Adhesive UZIN MK 100

Product Properties/Benefits:

Ready to use, solvent-based adhesive with excellent application and performance properties. The release of considerable quantities of solvent vapour makes application restrictions and protective measures necessary (see "Protection of the Workplace and the Environment").



Binding agents: Modified polyvinylacetate resins.

- ▶ Water-free
- ▶ Very easy to apply
- ▶ Excellent filling capacity
- ▶ Rapid setting
- ▶ Dries hard / flexible
- ▶ High shear strength
- ▶ Very wide range of uses
- ▶ High solvent content

Technical Data:

Packaging:	metal can
Packsizes:	25 kg
Shelf life:	min. 12 months
Colour:	light beige
Hazardous characteristics:	see "Protection of the Workplace and the Environment"
Working temperature:	min. 15 °C/59 °F at floor level
Consumption:	800 – 1200 g/m ²
Open time:	none*
Working time:	5 – 10 minutes*
Load bearing:	after 2 – 3 days*
Ready for sanding / sealing:	see "Important Notes"

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

Subfloor Preparation:

The subfloor must be enough level, sound, free from cracks, dry, clean and free from materials that would impair adhesion. Cement- and calcium sulphate-screeds must be abraded and vacuumed.

Test the subfloor in accordance with applicable standards and notices and report any deficiencies. For wood flooring work, particularly careful testing of the subfloor is recommended.

Thoroughly brush, abrade, grind or shot-blast to remove any weak or soft surface areas, as well as old adhesive residues, etc. Thoroughly vacuum the surface.

On very uneven or very rough surfaces, prime with Universal Primer UZIN PE 360 and apply Wood Flooring Levelling Compound UZIN NC 174 to a minimum thickness of 3 mm or apply Rapid Levelling Compound UZIN NC 172 BiTurbo to a minimum thickness of 2 mm for obtaining increased levelness according to manufacturer regulations.

Prime unprepared cement- or calcium sulphate-screeds with either diluted adhesive (1 part adhesive: 2 parts MK-Thinner UZIN VE 173) or with ready-to-use synthetic resin primer UZIN PE 317 and leave to dry for approx. 30 minutes. Mastic asphalt that conforms to standard does not need primer. Abrade chipboard.

Refer to the Product Data Sheets for the products used.

Application:

1. Before use, stir the adhesive and then apply evenly onto the subfloor using a suitable notched trowel (see "Consumption"). Only apply as much adhesive as can be covered within approx. 10 minutes.
2. Lightly push the wood flooring pieces into the adhesive bed. As far as is possible, ensure full adhesive transfer to the underside of the wood flooring.
3. Using wedges, leave a gap of 10 – 15 mm between the wood flooring and the wall. Remove the wedges immediately after installation.
4. Clean tools immediately after use with MK-Thinner UZIN VE 173.

Consumption:

Wood flooring Type	Notch	Consumption
Mosaic	B 3	800 – 1000 g/m ²
On-edge wood flooring	B 11	1000 – 1200 g/m ²
Stab or multi-ply wood flooring	B 11	1000 – 1200 g/m ²

Important Notes:

- ▶ Shelf life minimum 12 months when stored in cool, dry conditions. Carefully and tightly re-seal opened containers and use the contents quickly.
- ▶ Optimum conditions are 18 °C – 25 °C/64 °F – 77 °F, floor temperature above 15 °C/59 °F, relative humidity below 75 %. Low temperatures lengthen and high temperatures shorten the working-, setting- and drying- times.
- ▶ According to type of wood flooring, adhesive quantity and climatic conditions, leave 2 – 3 days before allowing foot traffic, and only sand and seal if the adhesive has fully set and the wood flooring is acclimatised.
- ▶ The following standards and notices are applicable and recommended:
 - DIN 18 356 "Working with wood flooring"
 - Publication of the Adhesives Industry Association e.V. "Bonding of wood flooring"
 - Publication of the Central Association of German Construction Trades (ZDB) "Resilient and textile floor coverings and wood flooring on heated floor constructions".
 - TKB publication "Assessment and preparation of substrates for floor covering and wood flooring installation" 06/2004
 - BEB publication "Assessment and preparation of substrates" 02/2002.

Protection of the Workplace and the Environment:

High solvent content. F: Highly flammable. Xn: Harmful on inhalation. Contains methanol. Avoid skin contact with liquid product. Do not inhale vapours. Solvents in this product may form explosive air-vapour-mixture. Therefore provide good ventilation during and after work. No smoking, no open flames. Switch off all electric devices like door-bells, refrigerators, electric stoves, etc. Use barrier cream and protective gloves.

Observe safety information on product label as well as safety data sheet.

Disposal:

Where possible, collect product residues and re-use. Do not empty into drains, sewers or ground. Empty, scraped and drip-free metal containers are recyclable. Liquid residues as well as containers with liquid residues are special waste, those with dried residues are Construction Waste.