

Dispersion Wood Flooring Adhesive

UZIN MK 80

Solvent-free dispersion adhesive in accordance with DIN 281 for wood flooring that is not prone to swelling

Description:

Suitable for:

- ▶ mosaic- and on-edge-wood flooring
- ▶ use on level, absorbent cement screeds, prepared surfaces and chipboard V 100
- ▶ use over warm water underfloor heating systems

Other adhesive recommendations:

UZIN MK 55 flex:

Very low emission powder adhesive that is flexible when set; for mosaic-, stab-, on-edge- and multi-ply-wood flooring.

UZIN MK 92 S:

Very low emission, 2-component PU adhesive for all types of wood flooring and substrate, even for beech, 10 mm solid wood flooring, wood-plank and long-format wood flooring, woodblocks RE and laminate flooring, as well as for wood flooring onto suitable UZIN insulating underlays.

UZIN MK 100:

Very low emission, solvent- and water- free, flexible hybrid adhesive. For mosaic- and stab-wood flooring, on-edge- and multi-ply-wood flooring, exotic timbers, smoked oak and woodblocks up to 30 mm. Especially suitable for moisture-sensitive woods and formats.

UZIN MK 73/ UZIN MK 77:

Synthetic resin, solvent-based adhesives for all types of wood, including beech, and for unprepared calcium sulphate screeds and mastic asphalt.



Product Properties/Benefits:

Water-based, ready to use dispersion adhesive with good application- and final- properties.

Binder: Modified polyvinyl acetate copolymers.

- ▶ Very easy to spread
- ▶ Good ridge formation
- ▶ Hard-plastic and flexible
- ▶ High shear strength
- ▶ Solvent-free

Technical Data:

Packaging:	plastic drum
Packsize:	20 kg
Shelf life:	see "Important Notes"
Colour:	light beige
Hazard classification VbF:	not required
Hazard labelling GefStoffV:	not required
Working temperature:	15 – 25 °C / 59 – 77 °F
Consumption:	1000 – 1200 g/m ²
Open time:	none*
Working time:	max. 20 minutes*
Load-bearing:	after 2 – 3 days*

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

Substrate Preparation:

The substrate must be adequately level, sound, free from cracks, dry, clean and free from materials which would impair adhesion.

Cement- and calcium sulphate- screeds must be sanded and vacuumed as a special and chargeable service, either as a finishing process by the screed installer or as a chargeable special treatments by the wood flooring installer.

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

Prior to installation, prime unprepared cement screeds with diluted adhesive – 1 part adhesive : 2 parts water – and allow to dry for 24 hours. Abrade chipboard surfaces.

Thoroughly brush, abrade, grind or shot-blast to remove soft surface areas as well as residues of old primers, levelling compounds or adhesives. Vacuum off loose material and dust with a high-capacity industrial vacuum cleaner.

Prepare surfaces that are uneven, rough surfaces or non-absorbent, e.g. mastic asphalt or calcium sulphate screeds, with at least 3 mm of Wood flooring Levelling Compound UZIN NC 174.

Application:

1. Before use, stir the adhesive and then apply evenly to the surface using a notched trowel. Only apply as much adhesive as can be covered within approx. 20 minutes.
2. Press the wood flooring into the adhesive bed with a slight twisting movement and knock well down. Ensure the best possible transfer of adhesive to the underside of the wood flooring.
3. Using wedges, leave a gap of 10 – 15 mm between the wood flooring and walls. Remove the wedges immediately after installation.
4. Clean tools immediately after use with water. Remove adhesive contamination with water whilst still fresh.

Consumption:

Wood flooring Type	Trowel Notch	Consumption
Mosaic wood flooring	B 11	1000 – 1200 g/m ²
On-edge wood flooring	B 11	1000 – 1200 g/m ²

Important Notes:

- ▶ Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Protect from frost. Carefully and tightly re-seal opened packaging.
- ▶ Optimum conditions are 18 – 25 °C / 64 – 77 °F, floor temperature above 15 °C / 59 °F and relative humidity below 75 %. Low temperatures and high humidity lengthen, whilst high temperatures and low humidity shorten the working-, setting- and drying- times.
- ▶ According to wood flooring type, adhesive quantity and climatic conditions, leave installed surfaces 2 – 3 days before exposing to foot traffic and sand and seal only after full setting of the adhesive and acclimatisation of the wood flooring.
- ▶ Water-based dispersion adhesives are not equally suitable for all types of wood flooring and subfloor. For wood flooring prone to swelling, e.g. large format pre-finished wood flooring, 10 mm solid wood flooring or beech wood flooring, use other suitable UZIN wood flooring adhesives.
- ▶ The following standards and notices are applicable and especially recommended:
 - DIN 18 356 "Working with wood flooring"
 - publication by the Adhesives Industry Association "Bonding of wood flooring"
 - publication by the Central Association of German Construction Trades (ZDB) "Resilient and textile floor coverings and wood flooring on heated floor constructions"
 - technical information 2/1990 from the Federal Association for Screeds and Coverings (BEB) "Assessment and preparation of the surfaces of anhydrite flow-screeds".

Protection of the Workplace and the Environment:

Solvent-free. Non flammable. Requires no special protection or precautions in general use. Avoid prolonged contact with skin or contact with eyes.

Disposal:

Where possible, collect all product waste and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free plastic 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.