

Dispersion Wood Flooring Adhesive

UZIN MK 80 S

Solvent-free dispersion adhesive for wood flooring that is not prone to swelling

Description:

Solvent-free dispersion adhesive in accordance with DIN 14 293 for wood flooring with high shear strength.

Suitable for:

- ▶ mosaic wood flooring
- ▶ stab wood flooring 19 – 22 mm
- ▶ on-edge wood flooring 16 – 22 mm
- ▶ laminated pre-finished wood flooring up to 70 x 500 mm

Suitable for use on level, absorbent cement screeds, heated screeds, prepared surfaces and chipboard V 100.

Suitable for use on warm water underfloor heating systems.

Product Properties/Benefits:

Very low emission, water-based dispersion adhesive with excellent application- and performance properties. Cures by evaporation of water content.



Composition: Modified polyvinylacetate copolymers.

- ▶ Ready to use
- ▶ Easy to apply
- ▶ Excellent ridge formation
- ▶ Long working time
- ▶ Good filling capacity
- ▶ Dries hard / flexible
- ▶ High shear strength
- ▶ Solvent-free
- ▶ EMICODE EC 1/ Very low emission

Technical Data:

Packaging:	plastic drum
Packsize:	17 kg World, 18 kg
Shelf life:	min. 12 months
Colour:	beige
Consumption:	800 – 1200 g / m ²
Working temperature:	15 °C to 25 °C / 59 °F to 77 °F
Open time:	none*
Working time:	max. 20 minutes*
Load bearing:	after 2 – 3 days*
Ready for sanding /sealing:	see "Important Notes"

* At 23 °C / 73 °F and 50 % rel. humidity.



Subfloor Preparation:

The subfloor must be level, sound, free from cracks, dry, clean and free from materials that would impair adhesion.

Cement- and calcium sulphate-screeds must be sanded 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. Thoroughly vacuum off any loose material and dust.

Prime on absorbant surfaces with UZIN PE 380. Attention: a levelling compound cannot be applied on UZIN PE 380.

On uneven or excessively rough surfaces, as well as non-absorbent surfaces, e.g. mastic asphalt or calcium sulphate screeds, apply Wood Flooring Levelling Compound UZIN NC 174 to a minimum thickness of 3 mm. Allow levelling compounds to dry thoroughly.

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. Only apply as much adhesive as can be covered within approx. 20 minutes.
2. Lightly push the wood flooring pieces into the adhesive bed and knock well down. 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 water. Remove any adhesive contamination, whilst still fresh, using water.

Consumption:

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

Important Notes:

- ▶ Shelf life minimum 12 months when stored in relatively cool conditions. Protect from frost. Carefully and tightly reseal opened containers.
- ▶ Optimum conditions are 18 °C – 25 °C / 64 °F – 77 °F and relative humidity < 75 %. Low temperatures and high humidity lengthen, and high temperatures and low humidity shorten the working-, setting- and dryingtimes.
- ▶ According to type of wood flooring, adhesive quantity and climatic conditions, leave 2 – 3 days before allowing foot traffic, and only sand and seal once the adhesive has fully set and the wood flooring is acclimatised.
- ▶ 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 wood flooring, use other, suitable UZIN wood flooring adhesives.
- ▶ **Caution:** The installation of wood flooring with moisture content no to the permitted standard can, with subsequent fluctuation in climatic conditions, lead to failures. Over-dry wood flooring is susceptible to swelling problems, over-damp wood flooring is prone to gapping at joints.
- ▶ The following standards and notices are applicable and especially recommended:
 - DIN 18 356 "Working with wood flooring"
 - notice TKB-1 issued by the Adhesives Industry Association "Bonding of wood flooring"
 - the notice issued by the Federal Association for Screeds and Coverings (BEB) "Assessment and preparation of substrates – installation of resilient and textile floor coverings, laminated materials, wood flooring and woodblocks – heated and unheated floor constructions"
 - Technical Information 2 / 1990 issued by Federal Association for Screeds and Coverings (BEB) "Assessment and preparation of the surface of anhydrite flow-screeds"

Protection of the Workplace and the Environment:

Solvent-free. Non-flammable. During application, the use of barrier cream and ventilation of the working area are strongly recommended.

EMICODE EC 1 – "very low emission" – tested and classified in accordance with GEV regulations. According to current knowledge, gives off no emissions of formaldehyde, hazardous materials or other volatile, organic compounds (VOC). After drying, has neutral odour and is ecologically and physiologically harmless. Basic pre-requisites for the best possible indoor air quality after flooring work are installation conditions conforming to standards and thoroughly dry substrate, primers and smoothing compounds.

Disposal:

Where possible, collect product residues and re-use. Do not allow into drains, water courses or land-fill. Empty, scraped-out and drip-free plastic containers are recyclable [Interseroh]. Containers with liquid residues and collected, liquid product residues are Special Waste. Containers with hardened residues are Construction Waste.