

Wood-Block Adhesive

UZIN MK 40

Solvent-free dispersion adhesive with soft-plastic bond for wood-blocks

Description:

Solvent-free dispersion adhesive with a soft-plastic bond for wood-blocks GE conforming to DIN 68 702, up to 30 mm thickness.

Especially recommended for bonding:

- ▶ individual wood-blocks
- ▶ prepared wood-block sections

Suitable for use on subfloors that conform to the required standard for wood-blocks and on all existing substrates that have been professionally prepared and levelled.

Product Properties/Benefits:

Water-based dispersion adhesive with very high and long-lasting residual tack that allows traffic of the surface with fork-lift trucks and other heavy vehicles. Blocks that come loose after vehicles pass over them can be re-bedded, thanks to the lasting tack property of the adhesive.



Composition: Modified polyacrylate copolymers, thickening-, wetting- and de-foaming-agents and preservatives.

- ▶ Ready to use
- ▶ Very easy to spread
- ▶ High and long-lasting residual tack
- ▶ Good resistance to ageing and heat
- ▶ Solvent-free

Technical Data:

Packaging:	plastic drum
Packsize:	15 kg
Shelf life:	min. 18 months
Colour:	white
Consumption:	800 – 1000 g/m ²
Working temperature:	18 °C to 25 °C / 64 °F to 77 °F
Open time:	10 – 15 minutes*
Working time:	approx. 30 minutes*
Load bearing:	after approx. 24 hours*
Ready for sanding / surface treatment:	after 5 – 10 days* acc. to type of wood

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

Subfloor Preparation:

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

As a special and chargeable process, cement- and calcium sulphate- screeds, especially flow-screeds, must be abraded and vacuumed. Test the subfloor in accordance with applicable standards and notices and report any deficiencies.

Brush, abrade, grind or shot-blast to remove any soft or weak surface sections. Thoroughly vacuum off any loose material and dust. Prime absorbent surfaces with Universal Primer UZIN PE 360. As a surface membrane on floor construction that are in direct contact with the ground, apply 2-component Epoxy Primer-Sealer UZIN PE 460. Smooth uneven surfaces with 2-component Epoxy Mortar Resin UZIN ER 200 mixed with Special Fillers UZIN ES. For areas subject to commercial use but without heavy-goods equipment or forklift trucks, prepare uneven substrates with Rapid Levelling Compound UZIN NC 172. Allow primers and smoothing 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 with a suitable notched trowel. Only apply as much adhesive as can be covered within approx. 30 minutes.
2. Lay the wood-blocks into the adhesive bed with a light pushing movement, knock well down and then roll. Ensure the best possible adhesive transfer to the underside of the wood-blocks.
3. Leave a gap of 10 – 15 mm between the wood-blocks and the wall.
4. Clean tools immediately after use with water. Remove adhesive contamination with water whilst still fresh.

Consumption:

Type of Wood-Block	Trowel Notch	Consumption
Wood-Blocks GE	B 11	approx 800 g/m ²

Important Notes:

- ▶ Shelf life minimum 18 months in original packaging when stored in dry conditions.
- ▶ Optimum conditions are 18 – 25 °C/64 – 77 °F and relative humidity < 75 %. Low temperatures and high humidity lengthen, high temperatures and low humidity shorten the working-, setting- and drying-times.
- ▶ Do not brush the wood-blocks with sand as this will affect the residual tack.
- ▶ Due to the soft-plastic adhesive property, some formation in the joints of the wood-block is possible.
- ▶ Do not use surface treatment products that could lead to edge-bonding. For the surface treatment, we recommend High Solid Natural Oil /Wax Combination, SoyaBase Plus from Pallmann.
- ▶ The following standards and notices are applicable and especially recommended:
 - DIN 18 367 and DIN 68 702 "Working with wood-blocks"
 - Leaflet issued by the Federal Association for Screeds and Coverings (BEB) "Assessment and preparation of surfaces".
 - Technical information 2/1990 issued by the Federal Association for Screeds and Coverings (BEB) "Assessment and preparation of substrates for floor covering and wood flooring installation".

Protection of the Workplace and the Environment:

Solvent-free. During application, the use of barrier cream and ventilation of the working area are recommended. 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. Containers with liquid residues and collected, liquid product residues are Special Waste. Containers with hardened residues are Construction Waste.