

UZIN MOSA

Hard, shear-resistant wood flooring adhesive

Applications:

Dispersion-based adhesive, rapidly setting and curing, for moisture-insensitive wood types. Specifically, for the installation of mosaic wood flooring and edge-laid strips. For interior applications.

Main area of application

- ▶ Mosaic wood flooring (8 mm solid wood flooring)
- ▶ Edge-laid strips (16 – 22 mm)
- ▶ Extended area of application:
- ▶ 2-ply prefinished wood flooring (70 x 500 mm)

Suitable on:

- ▶ Cementitious screeds, calcium sulphate screeds or concrete
- ▶ new, firmly screw-fixed chipboard P4 – P7 or OSB panels
- ▶ Levelling compounds suitable for wood flooring
- ▶ Hot water underfloor heating



Product properties/benefits:

UZIN MOSA sets quickly, and the rapid curing properties provide optimal reliability in processing.

Composition: Polyvinyl acetate copolymer, wetting, defoaming and preservation agent, fillers, water.

- ▶ Good ridge formation
- ▶ Hard, shear-resistant adhesive ridge (EN 14293)
- ▶ Low water content
- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS/very low emission

Technical data specifications:

Packaging:	Plastic bucket PE
Sizes:	1kg, 5kg and 15kg
Storage:	min. 12 months (frost sensitive)
Color:	beige
Consumption:	800 –1200 g/m ²
Working temperature:	min. 15°C at ground level
Working time:	approx. 30 minutes*
Ready for load-bearing:	After 2 –3 days*
Grinding:	After adhesive has cured

* At 20 °C and 65% relative humidity.

Substrate preparation:

The substrate must be level, sound, load-bearing, dry, free from cracks, clean and free from materials (dirt, oil, grease), that would impair adhesion. Test the substrate in accordance with applicable standards and bulletins and report any deficiencies. Cement and calcium sulphate screeds must be abraded and vacuumed off. Any adhesion-reducing or unstable layers, e.g. release agents, adhesives, compounds, covering or paint residues, etc. must be removed, e.g. by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum off loose material and dust. At any rate, the substrate must exhibit good absorbency. Depending on the substrate, floor covering and strain suitable primers and levelling compounds can be taken from the UZIN product overview. The product data sheets of the other products used must be observed.

Application

1. Allow the adhesive to reach room temperature before processing. Stir adhesive again well if necessary.
2. Apply adhesive uniformly with suitable notched trowel (see "consumption data") onto the substrate. Do not apply more adhesive to the substrate than can be laid with good wetting of the back of the wood flooring within the working time. Press down the wood flooring element well.
3. Clean tools with water immediately after use. Remove adhesive residues while fresh with water.

Consumption Data

Wood flooring type	Notch size	Consumption
Mosaic wood flooring	B11/B3	800 - 1000 g/m ²
Edge-laid strip wood	B11	1000 - 1200 g/m ²
2-layer prefinished wood flooring	B11	1000 - 1200 g/m ²

*At 20°C and 65% relative humidity with room-temperature adhesive containers

Important notes:

- ▶ Shelf life at least 12 months in original packaging when stored dry in moderately cool conditions. Frost-resistant to -12°C. Tightly re-seal opened packs and use the contents as quickly as possible.
- ▶ Optimum working at 18-25°C, floor temperature above 15°C and relative humidity below 65%. Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the installation, setting and drying time.

- ▶ The minimum thickness for levelling work is 2 mm.
- ▶ Good drying of the levelling compound must be observed with levelled substrates.
- ▶ 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 skirting with vent openings.
- ▶ Water-based dispersion-based adhesives are not equally suitable for all types of wood flooring, wood, and substrates. For wood flooring sensitive to moisture, e.g. large-format prefinished wood flooring.
- ▶ 10 mm solid wood flooring or beech wood, use other suitable UZIN wood flooring adhesives.
- ▶ Wood moisture conforming to standards must be observed.
- ▶ Adequate and uniform distance must be maintained to rising components according to the type of wood flooring, wood and room size.
- ▶ UZIN MOSA may not be disturbed during the setting phase of 2 – 3 days, and the freshly installed wood flooring surface must therefore not be walked on.
- ▶ When standard wood and air humidity are complied with and the wood flooring has sufficiently acclimatized, grinding and surface treatment can be done after 5 – 7 days, e.g. using suitable Pallmann products (www.pallmann.net).
- ▶ Observe the generally acknowledged rules of the trade and technology for the installation of wood flooring as well as the respective applicable standards (e.g. EN, DIN, VOB, OE, SIA, etc.). The following standards and bulletins, amongst others, represent supporting information and are recommended for special attention.

Protection of the workplace and the environment:

H317 - May cause an allergic skin reaction Requires no special protection or precautions in general use. Use of barrier cream and ventilation of the work area are recommended. Maximum V.O.C. content: 17,65 g/L (20 °C). When fully dried, it has a neutral odor and presents no physiological or ecological risk. Basic prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer, and smoothing compound. **Information for persons with allergies is available at Poison Center +30 210 7793777 (Greece).**

Disposal:

Where possible, collect product residues 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.