

UZIN MK 92 S

Solvent- and waterfree 2-component polyurethane adhesive for parquet

Description:

2-component polyurethane adhesive for all types of parquet, especially for moisture-sensitive timbers and constructions.

Especially recommended for:

- ▶ Stab parquet
- ▶ 10 mm solid parquet
- ▶ Wood-plank and on-end parquet
- ▶ Pre-finished parquet
- ▶ Woodblocks RE
- ▶ All wood types, including beech, maple and exotic timbers

Suitable for use on all normal, perfectly sound substrates, e.g. cement- and calcium sulphatescreeds and mastic asphalt, chipboard, suitable UZIN insulating underlays and also on warm water underfloor heating systems.

In accordance with TRGS 610, solvent-based adhesives are becoming more and more restricted, water-based adhesives can often only be used with certain conditions, therefore: UZIN polyurethane parquet adhesives – solvent- and waterfree, flexible and rapid-setting – a reliable and, all things considered, economical alternative for all types of parquet and substrate.

Product Properties/Benefits:

Viscous, 2-component reaction-resin adhesive produced by mixing Resin A with Hardener B. Solvent- and waterfree, therefore has no swelling effect on the parquet. Does not take any moisture from the wood.

CI/SfB
| (46) | Yt3 | (D6)

(UK-Library Coding)



Binders: Polyurethane made from poly-oils and polyisocyanate (MDI).

- ▶ Water-free
- ▶ Excellent trowel-ridge formation
- ▶ Excellent filling capacity
- ▶ No shrinkage at any thickness
- ▶ Very rapid setting
- ▶ Flexible
- ▶ High shear strength
- ▶ A truly universal parquet adhesive
- ▶ GISCODE RU 1/solvent-free
- ▶ EMICODE EC 1/very low emission

Technical Data:

| | |
|------------------------------|--|
| Packaging: | metal combi-can |
| Packsizes (A + B): | 2.5 kg, 6 kg |
| Contract pack: | comp. A: 9 kg plastic drum comp. B: 1 kg plastic bottle |
| Shelf life: | min. 12 months |
| Colour: | beige |
| Specific density (A + B): | 1.50 kg / litre |
| Working temperature: | min. 15 °C / 59 °F at floor level |
| Consumption: | 1000 – 1200 g / m ² |
| Pot life: | approx. 30 minutes* |
| Working time: | 40 – 60 minutes* |
| Ready for sanding / sealing: | after approx. 24 hours* |
| Final strength: | after 3 – 5 days* |

*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. Calcium sulphate screeds must be abraded and vacuumed. Test the subfloor in accordance with applicable standards and notices and report any deficiencies. For parquet, particularly careful testing of the subfloor is recommended.

Brush, abrade, grind or shot-blast to remove any weak or soft surface areas. Thoroughly vacuum off any loose material and dust.

Prime absorbent surfaces with 2-component epoxy-primer UZIN PE 420 (12 – 24 hours drying according to climatic conditions) or 2-component epoxy sealer-primer UZIN PE 460 (12 – 24 hours drying according to climatic conditions).

For pre-finished parquet and laminates, smooth the surface with UZIN NC 174 Parquet Smoothing Compound to achieve improved surface levels in accordance with manufacturer's recommendations.

Application:

1. Before use, allow the containers to come to room temperature. Mix the resin and hardener as described on the container. Ensure proper mixing, especially around the floor and walls of the container as poorly mixed adhesive will not set.
2. Spread the adhesive evenly on the subfloor with a suitable notched trowel (see "Consumption"). Only apply as much adhesive as can be covered within 50 – 60 minutes.
3. Immediately lay in the parquet with a light pushing movement and knock well down. Ensure the best possible adhesive transfer to the underside of the parquet.
4. Using wedges, leave a gap of 10 – 15 mm between wall and parquet. Remove the wedges immediately after installation.
5. Caution: immediately wipe any contamination off sealed parquet surfaces and immediately remove any residual traces with EP-Thinners UZIN VE 124. Clean tools immediately after use. Hardened adhesive can only be removed by mechanical means.

Consumption:

| Parquet Type | Notch | Consumption |
|---|-------|------------------------------|
| Stab- or On-end Parquet, Wood-plank, Wood-blocks RE | B 11 | 1000 – 1200 g/m ² |
| 10-mm Solid Parquet, Pre-finished Parquet | B 11 | 1000 – 1200 g/m ² |

Important Notes:

- ▶ Shelf life minimum 12 months in original packaging when stored in cool, dry conditions. Optimum storage conditions are 10 °C – 20 °C/50 °F – 68 °F. Thickened Hardener B can no longer be used. Do not mix part quantities as opened containers cannot be stored.
- ▶ Optimum working conditions are 18 °C – 25 °C/64 °F – 77 °F, floor temperature above 15 °C/59 °F, relative humidity below 75 %. Low temperatures lengthen, high temperatures shorten the pot-life and working- and settingtimes.
- ▶ Only use the contract pack (9 kg + 1 kg) for areas > 100 m².
- ▶ By observing the required standard for wood- and air humidity and adequate conformity of climate for the parquet, sanding and sealing can be carried out after 24 hours.
- ▶ Caution: installation of parquet that is not dry to standard requirements can, in the event of a high increase in air humidity, lead to damage from swelling of the timber.
- ▶ The following standards and notices are applicable and especially recommended: DIN 18 356 "Working with parquet" / DIN 18 367 "Working with wood-blocks" / the leaflets issued by the Adhesives Industry Association "Bonding of parquet" and "Bonding of laminate flooring" / the leaflet issued by the Central Association of German Construction Trades "Resilient and textile floor coverings and parquet on heated floor constructions".

Protection of the Workplace and the Environment:

GISCODE RU 1 – solvent-free. Non-flammable. Component A: no hazardous characteristics. Component B: contains diphenylmethandisocyanate /Xn: "hazardous to health if inhaled". Irritates the eyes, the respiratory organs and the skin. Sensitisation from inhalation or skin contact is possible. During application, ventilate well and use protective barrier cream, gloves and goggles. In the event of contact with skin, wash immediately with plenty of soap and water. In the event of contact with eyes, rinse immediately with water and consult a doctor.

Refer in particular to: the regulations of the GefStoffV, the hazard and safety information on the container label, the Safety Data Sheet, product group information and sample user instructions issued by the Bau-BG for GISCODE RU 1.

Has neutral odour and is ecologically and physiologically harmless when hardened – does not contaminate the indoor air quality with either formaldehyde or other volatile compounds. Very low emission – EMICODE EC 1.

CH: Comp. A: poison classification: –, Comp. B: poison classification 3, BAGT-No. 614463; contains > 20 % isocyanate of poison classification 3.

Disposal:

Do not allow into drains, water courses or land-fill. Empty, scraped-out and drip-free metal containers are recyclable [Interseroh]. Containers with liquid contents and liquid product residues are Special Waste. Metal or plastic containers with hardened contents and hardened product residues are Construction Waste.