

Glue PU 500 2C

Dual component polyurethane-epoxy adhesive for parquet flooring, water-free, specially designed for laying wooden flooring on cement-based or existing surfaces (tiling, marble, wooden flooring, etc.)



Instructions

Application: use as a semi-elastic parquet adhesive directly on concrete, cement screed, anhydrite, fermacell panels and wood. It can also be used without an underfloor on grease-free ceramic tiles or marble.

- Hypoallergenic;
- For all types of wood;
- Does not contain water;
- Easy to spread;
- Very long open time +/- 120 min;
- Stays semi-elastic;
- Very high adhesion;
- Non-irritant;
- Also suitable for underfloor heating.

Special properties: its combination of lasting flexibility, long open time (120 min) and high adhesion make Devo Glue PU 500 2C an outstanding product from a technical point of view. It is a very high quality universal adhesive, which can be used in the most critical situations.

Preparing the surface: the surface must be clean, dry, free of grease and loose particles. Always check the moisture level of the surface and wood using accurate equipment (the maximum moisture level permitted for cement screeds, measured using a carbide hygrometer, is 2 %, 1.5 % for cement screeds with underfloor heating and 0.5 % on anhydrite). The moisture level of the surface must be measured at a depth of at least 2 - 3 cm using the carbide hygrometer. Do not use the adhesive on screeds that are not protected against rising damp. A vapour barrier film must always be applied. Start by treating screeds that are dusty or require dusting using Devo Primer PA400 or Devo Primer Express PU, screeds with an excessively high residual moisture level using Devo Primer HE and tiled floors using Devo Primer Hydroblock. See also our general guidelines for laying parquet on various surfaces, as well as the Devo adhesive guide.

Preparing the product: ensure that the product is at room temperature before use. Start by stirring the hardener (comp B), then add it to the bucket (comp A). Combine for a few minutes using a mixer.

Application: use an adhesive comb suitable for the surface and parquet. Work in strips with a maximum width of 60 - 80 cm. Apply a quantity of adhesive and spread it using an adhesive comb. Always keep the adhesive comb fully upright when applying the adhesive. This makes it possible to apply the edge of the adhesive comb to the floor and apply an even bed of adhesive. The adhesive comb must always be "scraped" properly: there must be no adhesive on the surface between the adhesive grooves. Do not apply more adhesive to the surface that could be used to cover a parquet floor in 60 minutes.

Pot life: 120 minutes

Drying time: walkable after 12 - 24 hours, depending on environmental factors (air humidity and temperature)

Finishing: after fully dried

Fully dry after: 72 hours

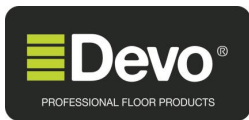
Application temperature: 10 - 30 °C

Consumption: 1000 - 1400 gr/m²

Clean tools: before the product has hardened: Devo PU Cleaner or Devo Wet Wipes. Hardened product: mechanically with a spatula and/or sanding sponge.

Pot life: at least 12 months in the sealed original packaging. Storage temperature between 5 - 25 °C

Waste disposal: dispose of leftover product and empty packaging according to the current local requirements.



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Technical properties

Description (type):	Water-free, dual component polyurethane adhesive for parquet flooring
Base:	Polyurethane – epoxy
Characteristic properties:	Long open time, semi-elastic, high adhesion
Application:	
Surface:	The surface must be clean, dry, free of grease or loose particles and suitable according to the general guidelines for laying parquet flooring.
Material temperature:	15 – 25 °C.
Air humidity:	+/- 60%.
Material humidity:	For screeds up to 2 % residual moisture, for underfloor heating max. 1.5 % residual moisture, for anhydrite max. 0/5 % residual moisture. Wood 9– 12 % (oak)
Product preparation:	Ensure that the product is at room temperature before use. Start by stirring the hardener (comp B), then add it to the bucket (comp A). Combine for a few minutes using a mixer.
Pot life:	120 minutes
Application:	Use a suitable adhesive comb for the surface and parquet flooring.
Diluent/cleaning product:	<u>Non-hardened product:</u> Devo PU Cleaner or Devo Wet Wipes. <u>Hardened product:</u> mechanically with a spatula and/or sanding sponge.
Consumption/covering power:	1000 – 1400 gr/m ² .
Layer thickness:	Not applicable
Physical and chemical properties:	
Colour(s):	Beige
Odour:	Characteristic
Consistency:	Pasty
Dynamic or kinematic viscosity at 20 °C:	75,000 cps
Specific weight 20 °C/density:	1.5 – 1.6 kg/l – method: DIN 53217.
Solid matter by weight:	> 98 %
VOC content:	< 1.5 %
Drying at 20 °C/65% RH:	Walkable after 12 – 24 hours depending on environmental factors (air humidity and temperature).
Fully hardened after:	+/- 72 hours
Gloss (H. 60°):	Not applicable
pH at 20 °C:	Not applicable
Water soluble at 20 °C:	Not soluble
Vapour pressure/20 °C, mBar:	Not applicable
Flash point:	> 100 °C
Self-combusts at:	Not applicable
Shear strength:	4.5 N/mm ²
Pot life:	At least 12 months in the sealed original packaging. Storage temperature between 5 - 25 °C.
Safety:	Comp A: Keep out of reach of children. In case it is necessary to consult a doctor, keep the container or label at hand. Safety data sheet available on request. Comp B: Keep out of reach of children. In case it is necessary to consult a doctor, keep the container or label at hand. Safety data sheet available on request.
Environmental information:	
Biodegradable:	No
Disposal:	Dispose of leftover product and empty packaging according to the current local requirements.
Delivery/transport:	
Available in the following quantities:	10 kg (9.1 kg A + 0.9 kg B)

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Note: these details are based on many years of experience and research. As we are unable to influence the application method, no responsibility can be accepted on the basis of this information.