



VK L22



EPOXY-POLYURETHANE STRUCTURAL ADHESIVE FOR PARQUET AND HIGH- PERFORMANCE SURFACES

TECHNICAL DATA SHEET UPDATED 19/02/2026

Product Information

Two-component structural epoxy-polyurethane adhesive (A+B), solvent-free, designed for bonding solid wood, engineered, prefinished, or lacquered parquet flooring, including in the presence of underfloor heating systems or heavy traffic conditions. It ensures excellent adhesion and high mechanical resistance on a wide range of substrates.

- + Solvent-free
- + Strong adhesion
- + Very low shrinkage
- + Excellent dimensional stability

Recommended Uses

- Wood flooring subject to heavy traffic
- Wood flooring of any size and species
- Prefinished, lacquered, engineered, or solid parquet
- Ideal for underfloor heating systems

Coverage

1000–1200 g/m², depending on the substrate and the trowel used.

Application Instructions

Substrate Preparation

Surfaces to be bonded must be clean, dry, sound, and free from release agents. Residual moisture of the substrate must not exceed:

- Cement screeds: max. 3%
- Anhydrite screeds: max. 0.5%

Product Preparation

Pour the entire Component B (hardener) into Component A (resin) and mix thoroughly using a low-speed electric mixer for at least 5 minutes, until a uniform colour is obtained.

Mixing ratio: 9 : 1 (A : B).

Product Application

Spread the adhesive using a No. 2 / No. 3 notched trowel on areas not exceeding 10 m² at a time. Install the wooden elements by applying uniform pressure to ensure full contact.

Cleaning

Clean tools immediately with nitro thinner or ethyl alcohol. Once cured, the product can only be removed mechanically.



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Packaging	PRODUCT CODE	WEIGHT	UNIT	PACKAGING	PCS/BOX
	20039-5-N	5	kg	A+B pail	1
	20040-N	10	kg	A+B pail	1

Technical Data		
Appearance – Component A		Thixotropic paste
Appearance – Component B		Pigmented thixotropic paste for light and dark woods
Mixing ratio		9:1 (Comp. A: 9 kg – Comp. B: 1 kg – Total: 10 kg)
Chemical base		Epoxy-polyurethane system
Customs code (A+B)		3909 5090
Minimum application temperature		+12°C
Recommended ambient temperature		+15°C to +35°C
Density		1.60 kg/l
Pot life		60–80 minutes at 25°C
Light foot traffic		6–8 hours at 25°C
Waiting time before sanding		3–4 days at 25°C
Solids content		> 90%
Appearance – Component A		Thixotropic paste

Application Notes

Always check the moisture content of both the substrate and the flooring using appropriate instruments.

Before installation, acclimatise the wooden elements and installation products (adhesives, primers, finishes) at a temperature between +15°C and +35°C.

The installation environment must have a relative humidity below 70%.

Do not install in excessively humid environments.

Do not glue the parquet along the perimeter (edges and ends).



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Ensure adequate ventilation during application.
Do not use the product to fill cracks between wooden boards.

Storage

The product is guaranteed, in its original unopened packaging and under standard storage conditions (+5 °C to +35 °C / +41 °F to +95 °F), for 18 months from the production date. Store in a dry place, away from heat sources and direct sunlight.

Final note

Keep out of reach of children and pets. Dispose of waste in suitable containers for construction materials, in accordance with local regulations. The information provided in this Technical Data Sheet is based on our many years of experience and is to be considered indicative only. Users must assess whether the product is suitable for the intended application and assume full responsibility for its use.
