PARQUET ADHESIVE X-BOND MS-K 509 PLUS

> water- and solvent-free
> increased proportion of binder
> economical application
> rapid and high strength development

Product description

High-quality, single-component, water- and solvent-free MSP adhesive. Reduces impact noise, very low emission according to EC1 and odourless; Blue Angel certification. For adhesion of strip parquet 16-22 mm, large format multi-layered planks and 2- and 3-layered prefabricated parquet * Observe notes for elastic adhesion!*Observe the information on bonding eleasticity!Not suitable for bituminous materials (e.g. mastic asphalt).

Delivery format

Container	Outer packaging	Pallet
16 KG / KE	-	33 KE

Storage
Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

Processing

Recommended tools
Notched trowel: B3, B5, B11/PK, B15, B17
Processing
The adhesive must be applied to the whole surface of the substrate with a suitable notched trowel. Working time is approx. 50-60 minutes. The parquet is to be laid in the adhesive bed with gentle sliding motions and pressed down firmly, so that the rear side of the parquet is fully covered with the adhesive. Walkable after approx. 12 hours. The laid parquet floor can be sanded for the first time after 48 hours at the earliest. Remove adhesive contaminants in the freshly laid state with R 500 cleaning cloths. Once set, the adhesive can only be removed mechanically.
Use penetrating primer D7, undercoat PU 5 Express, epoxy moisture barrier EP 170, or silane primer MS-X 3 for dust binding or achieving readiness for laying. Otherwise, the primer must be selected according to the nature of the substrate (e.g. highly absorbent).
*Make sure to avoid pushing adhesive upwards into the joint, especially for untreated parquet types without tongue and groove joint. Adhesive markings may be viewed as an optical issue, adhesive found in the joints can contribute to lateral bonding (result: block crack joints!), Ingredients of the elastic adhesive may cause damaging interactions with the surface treatment agents.

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Technical data

Consumption	depending on substrate, parquet type and toothing: Toothing B3, B5, B11/PK, B15: between 0.7 and 1.5 kg/m², Toothing B17: approx. 1.8 kg/m²
Working time	approx. 50 - 60 min.
Final strength	after approx. 48 hrs
Processing temperature	ideally: +16 °C to +25 °C
Specific weight	1.6 g/cm³

Test certificates

Tested in accordance with (standard, classification ...)
EC1 PLUS

Substrate

Suitable substrates
Standard mineral substrates
Cement screeds and concrete
Calcium sulphate screeds
Wooden substrates
Dry screeds
Plastered substrates

The substrate must be dry, free of frost, solid, load-bearing, dimensionally stable, and free of dust, dirt, oil, grease, solvents, and loose parts, and correspond to the applicable technical national and European guidelines and standards, as well as meet the "generally accepted rules of the trade."

Product and processing instructions

Material information:
- The properties of the material may be significantly altered if not processed within the ideal temperature and/or humidity range.
- Bring the materials to the proper temperature before processing!
- To maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The environmental conditions significantly impact colour formation.
- Damaging interactions can occur between the adhesive ingredients and the surface treatment agents.

Environmental information:
- Do not process at substrate temperatures below +15°C!
- The ideal temperature range for the material, substrate, and air is +15°C to +25°C.
- The ideal humidity range is 40% to 60% relative humidity.
- Increased air humidity and/or lower temperatures may prolong the drying, setting, and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction, and hardening phase; avoid draughts!
- Protect against direct sunlight, wind, and weather!
- Protect adjacent components!

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Tips:
- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.

The information provided reflects average values obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.
Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction.
Please contact us if you have any reservations or doubt. This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.

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