

Parquet Adhesive X-Bond MS-K 511



- > fast strength-development
- > water and solvent-free in accordance with TRGS 610
- > reduces impact noise
- > odourless



Product description

High-quality, one-component, firm-elastic SMP adhesive, free of water and solvents (in accordance with TRGS 610). Noise absorbing, very low emission according to EC1 and odourless.

For adhesion of:

- Strip parquet 16-22 mm
- Solid boards 15-22 mm, width-thickness ratio max.10:1 (beveled)
- Large format multi-layered planks
- 2 and 3-layered prefabricated parquet

* Observe notes for elastic adhesion!

Not suitable on bituminous materials (e.g., mastic asphalt).

Delivery format

Container	Outer packaging	Pallet
16 KG / KE	-	33 KE
1.8 L / PPE	6	180 PPE
0.6 L / PPE	20	800 PPE

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, PK/B11, B5, B15, B17

Processing

Priming:

With proper substrates the priming coat can be omitted. Substrates are to be carefully sanded and

vacuumed well. Do not prime before adhesion on smoothed surfaces. Use Penetrating Primer LF 1, Primer PU 5 Express, Epoxy Resin Coating 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 condition of the substrate (e.g. highly absorbent).

The adhesive is to 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. At the earliest after 48 hours, the laid parquet floor can be sanded for the first time. Remove adhesive contaminants in freshly laid state with R 500 cleaning cloths. Once set, the adhesive can only be removed mechanically.

*You must 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.

Technical data

Consumption	Consumption depending on substrate, parquet type and toothing: approx. 0.8 - 1.2 kg/m ³
Working time	approx. 50 - 60 min.
Final strength	after approx. 48 hrs
Specific weight	1,6 g/cm ³
Composition	Binding agent, plasticizer, additive, filling materials

Test certificates

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

Substrate

Suitable substrates

Standard mineral substrates
Cement screeds and concrete floors
Calcium sulphate
Wooden substrates
Dry screed
coated 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, standards as well as meet the "generally accepted rules of the trade".

Product and processing instructions

Keep children away. Ensure sufficient ventilation during the processing and drying. Avoid eating, drinking and smoking while processing this product. Do not let it get into the sewage, drinking water or ground. If it comes into contact with the eyes or skin, wash immediately with plenty of water. Clean the tools with water and soap immediately after use. Only put containers which have been emptied of residues into recycling. Material residues can be disposed of in the domestic waste once dry. The setting process can lead to the release of methanol. Wear protective gloves.

Composition:
binding agent
Plasticizer
Additive
Filling materials

Material advice:

- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.
- The adhesive contents may cause damaging interactions with the surface treatment materials.

Environmental advice:

- Do not process at temperatures below +15 °C!
- The ideal temperature range for material, substrate and air is +15 °C to +25°C.
- The ideal air relative humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting and hardening.
- Ensure sufficient ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect from direct sunlight, wind and weather!
- Protect adjacent components!

Tips:

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

The information provided reflects average values that were 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.