



Parquet and Flooring Adhesive X-Bond MS-K 539



- > for almost all types of parquet, LVT and SPC floor coverings
- > hard elastic adhesive ridging
- > free from migrating components
- > water and solvent-free



Product description

High quality one component adhesive based on SMP technology. Water and solvent free and free from migrating components. The adhesive does not cause damaging interactions with Murexin parquet varnishes and is suitable for bonding timber and resilient floor coverings. For interior use only.

Suitable for bonding:

- Strip parquet according to DIN EN 13226
- Edgewise parquet according to DIN EN 14761
- Mosaic parquet according to DIN EN 13488
- Solid wood boards
- Two and three layer engineered parquet
- Multilayer parquet elements including individual rods
- Luxury Vinyl Tiles (LVT)
- SPC and rigid vinyl plank flooring
- Approved laminate flooring

The adhesive forms a hard elastic bond which helps to relieve shear stresses between the floor covering and substrate. This contributes to reducing stress transfer and accommodating minor substrate movement.

Suitable for installations over underfloor heating systems.

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:

A1, A2 – for LVT, vinyl tiles and resilient floor coverings

B3, B5, PK/B11, B15 – for engineered parquet and multilayer timber flooring

B17 – for solid wood flooring and larger parquet elements

Processing

Apply the adhesive evenly over the substrate using a suitable notched trowel. Working time is approximately 30 to 45 minutes depending on temperature and humidity conditions. Floor coverings must be installed into the wet adhesive bed using a sliding motion and pressed firmly into place to ensure full adhesive transfer to the backing of the flooring material. Resilient floor coverings such as LVT or SPC should be rolled with a suitable floor roller immediately after installation to ensure full contact with the adhesive. The installed flooring can normally be walked on after approximately 24 hours. Final strength is achieved after approximately 48 hours depending on site conditions.

Adhesive residues on the flooring surface can be removed within approximately 1 to 2 hours using light rubbing movements or suitable cleaning cloths such as R 500 cleaning cloths. Once fully cured the adhesive can only be removed mechanically.

Always observe the installation guidelines of the floor covering manufacturer.

Technical data

Consumption

Consumption depending on substrate, floor covering type and trowel notch:

approx. 0.8 - 1.2 kg/m³

A1 / A2: approx. 0.25 – 0,45 kg/m² (for LVT, vinyl and resilient floor coverings)

B3, B5, PK/B11, B15: approx. 0.7 – 1.5 kg/m² (for parquet and engineered timber flooring)

B17: approx. 1.8 kg/m² (for solid wood flooring)

Working time

approx. 30 - 45 min.

Final strength

approx. 48 hrs

Processing temperature

Ideally: +16 °C to +25 °C

Specific weight

1,6 g/cm³

Substrate

Suitable substrates

Standard mineral substrates

Cement screeds and concrete floors

Calcium sulphate screeds

Mastic asphalt

Wooden substrates

Dry screed systems

Existing well bonded coatings and levelling compounds

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

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 substrate temperatures under +15°C!
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- The ideal relative air 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 adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!

Tips:

- We 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.