SPECIAL DESIGN COVERING ADHESIVE X-BOND MS-K499

> without migrating components
> water-resistant
> highly thermally load-bearing
> hard-elastic adhesive joint

Product description

Single-component special adhesive tested according to DIN EN 14259 on STP polymer base for adhesion of LTV design covers, homogeneneous and heterogeneous PVC covers in membranes and tiles, CV covers, rubber coverings in membranes and tiles (up to 10 mm, higher covering thicknesses in consultation), protective sluices, and artificial turf coverings. For the adhesion of absorbent and non-absorbent substrates indoors and outdoors. Specially formulated for raised thermal and mechanical load and/or increased wet load. The adhesive is also suitable for special rubber and recycling mats. In these instances, however, sample adhesions are required. For non-absorbent substrates, a relative air humidity of min. 50% is required, as well as observing a corresponding flash-off time of approx. 10-20 minutes.

Delivery format:

Container	Outer packaging	Pallet
12 KG / KE		33

Storage:
Can be stored for about 12 months in a frost-free, cool, and dry environment on a wooden rack in the unopened original container.

Processing

Processing:
The adhesive must be applied to the substrate evenly to avoid adhesive nests. Lay the covering within the working time and rub in well, the backing of the covering must be sufficiently wet with adhesive. An air humidity of min. 50% and a flash-off time of up to 20 minutes is required on non-absorbent substrates. Freshly laid floor coverings should not be walked on within 8 hours after rolling/rubbing and within 12 hours on non-absorbent substrates. Roll the membranes only transversely to the laying direction from one side. Rub in the tile using a rubbing board. Re-roll the linings after approx. 60-90 minutes. Thermal sealing of the joints must be carried out after 24 hours at the earliest. Bring rubber coverings up to usage temperature before laying.

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Technical data

Flash-off time	approx. 0-20 minutes (depending on the substrate)
EN_chemische Basis	Special STP polymer adhesive
Density	1.5 g/cm³
Working time	approx. 35-50 minutes
Final strength	72 hours
Colour	light beige
fulfils standard	DIN EN 14259
Consumption	Recommended toothing for standard coverings: A1 toothing consumption approx. 300 - 350 gr/m² A2 toothing consumption approx. 370 - 420 gr/m² B1 toothing consumption approx. 400 - 450 gr/m² B2 toothing consumption approx. 500 - 580 gr/m²
Processing temperature	between +18°C and +23°C substrate min. +15°C

Test certificates

Tested in accordance with (standard, classification ...)
DIN EN 14259, EC1 Plus

Substrate

Suitable substrates:
- absorbent, smoothed substrates
- non-absorbent substrates (e.g., epoxy, mastic asphalt, metal)

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents, and loose parts and it must comply with the applicable technical national and European directives, standards, and "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 environmental conditions significantly influence colouring.
- The adhesive contents may cause damaging interactions with the surface treatment materials.

Environmental notices:
- 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 humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay and 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!

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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 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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