

SILAN FIXING RESIN MS-X 1



- > low viscosity
- > high penetration
- > single-component
- > physiologically harmless
- > easy processing



Product description

Silane-based, rollable, low-viscosity special resin for the bonding of unstable, low-strength, mineral substrates such as cement and calcium sulphate screeds as well as concrete. No migratory components. Prime with DX 9 Special Adhesive Primer before using Murexin leveling compounds and tile adhesives. Only reworkable with Murexin MSP and PU adhesives. Not suitable for epoxy resin finishing. For the barrier against residual moisture on cement screeds and concrete another layer of silane moisture barrier MS-X 3 has to be applied.

Delivery format:

Container	Outer packaging	Pallet
10 KG / KKA		42

Storage:

Can be stored in a frost-free, cool and dry place on wooden shelves in the unopened original container: approx. 365 days

Processing

Recommended tools:

Caster, rubber lip, trowel

Processing:

Apply silane hardening resin MS-X 1 evenly with suitable tools until saturation of the substrate.

Technical data

Chemical base	Silane-based special resin
Density	1.1
Viscosity	DIN 4 mm approx. 15 sec

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Parquet and adhesion technology

Consumption	approx. 0.3 - 0.7 kg / m ² depending on the absorbency of the substrate
Drying time	approx. 60 - 120 minutes
Recoatibility	approx. 60 - 90 minutes
Processing time	approx. 30 - 35 minutes

Substrate

Suitable substrates:

Conventional mineral substrates
Cement screeds and concrete floors
Calcium sulphate screeds
Finished screeds

The substrate must be dry, frost-free, strong, load-bearing, dimensionally stable and free of dust, dirt, oil, grease, release agents and loose parts and in accordance with the applicable national and European technical regulations, standards and the "generally accepted rules of the trade".

Product and processing instructions

Material instructions:

- The material properties may change significantly when working outside the ideal temperature and/or humidity range.
- Bring materials to correct temperature before processing!
- To retain the product properties, no foreign materials may be added in!
- Water addition amounts or dilution instructions 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.
- Water-based systems are stable for only a limited period and dilution with water; that is why we recommend processing as quickly as possible.
- Always allow the primer to dry/harden well.

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.

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