

## SILANE MOISTURE BARRIER MS-X 3

- > quick-drying
- > suitable as vapour barrier
- > as surface hardening for sandy screeds
- > for absorbent and non-absorbent substrates
- > can be rolled



### Product description

High quality silane-based, water- and solvent-free rollable special primer and moisture barrier. Contains no migrating components and is without damaging interactions with Murexin adhesives. For priming of non-absorbent, as well as normal to strongly absorbent substrates, as well as sanded screeds before adhesion with PU and MS-P adhesives. For blocking excessive residual moisture in cement screeds and concrete substrates.

For cement screeds without FBH up to max. 4.5% CM.

For cement screeds with FBH (after standard-compliant drying process) up to max 3% CM.

For concrete substrates up to max 6% CM.

#### Delivery format:

Container	Outer packaging	Pallet
10 KG / KKA		42

#### 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

#### Recommended tools:

Special roller, toothing A2.

#### Mixing:

Evenly apply to clean substrate with a suitable tool.

#### Processing:

To prevent increased residual moisture, apply the roller primer with Murexin Special Velour Roller M3 in one coat cross-wise at approx. 300-350 g/m<sup>2</sup>. When using commercially available short-pile application rolls, two applications are necessary within 3-4 hours. The subsequent adhesions with Murexin MS and PU adhesives or levelling (after priming with Murexin DX 9) can also take place after 3-4 hours.

60024, SILANE MOISTURE BARRIER MS-X 3, valid from: 10.06.2020, Magdalena Riegler, Page 1

## Technical data

### Consumption

As primer: approx. 100 - 150 g/m<sup>2</sup> when applied with short-pile roller, smoothed approx. 100 g/m<sup>2</sup>.

As vapour barrier on cement screed or concrete up to 4 CM% (for concrete corresponds to = 6 mass %): approx. 300 - 350 g/m<sup>2</sup>, one-time application with M3 special roller cross-wise, alternative application with TKB A2 tothing in one closed layer.

### Drying time

approx. 3 - 4 hours

## Test certificates

### Tested in accordance with (standard, classification ...)

EC1-PLUS

## Substrate

### Suitable substrates:

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".

Calcium sulphate-bound screeds must be mechanically pre-treated according to the manufacturer's specifications or according to the currently valid standards and technical guidelines. The Murexin Roller primer MS-X 3 may only be used as a moisture barrier on permanently moisture-resistant substrates for blocking off capillary moisture. Murexin Roller Primer MS-X 3 must not be used if moisture and vapour diffusion pressure is constantly increasing. The product does not replace a structural seal according to DIN 18195 Part 4.

## 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.
- Water-based systems have only a limited shelf life after dilution with water, which is why quick processing is recommended.
- Always allow primer to dry/harden well.

### 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!

**60024, SILANE MOISTURE BARRIER MS-X 3, valid from: 10.06.2020, Magdalena Riegler, Page 2**

### 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](http://www.murexin.com).