

## SCREED ACCELERATOR X 4

- > readiness for laying can be calculated precisely
- > is independent of humidity
- > is a genuine drying accelerator



### Product description

Fluid, chloride-free, universal, accelerating additive for cement-bound screeds. Due to the liquefying effect, the addition of water can be reduced and a faster readiness for laying can be achieved. Furthermore, the consistency of the screed is positively influenced, which improves the processing in terms of trowelling and smoothing. For achieving earlier readiness for laying and especially suitable for heated screeds.

Depending on the dosing, can be covered with tiles, parquet, laminate, linoleum, PVC or carpet after only 3 / 5 / 14 to 21 days. Please refer to the technical data for dosing advice. In addition, Screed Accelerator X4 offers a long processing time, earlier walkability and load-bearing capacity, low shrinkage and low-stress hardening.

### Delivery format

Container	Outer packaging	Pallet
25 KG / KKA	-	24 KKA
5 KG / KKA	-	96 KKA

### Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

### Processing

#### Recommended tools

Common devices, machines and tools for producing screeds in the trade are required.

#### Mixing

To be ready to lay after 3 / 5 days:

Add screed accelerator X4 to the first mixing water and mix for approx. 2 minutes until a stiff plastic consistency is achieved.

For a ready to lay from 12 days:

add X4 screed accelerator to the first mixing water and mix for approx. 2 minutes until a plastic

consistency is achieved. Please refer to the dosing table for dosing of the additive and the corresponding water quantity.

### Processing

Ö-NORM B 7232, ÖNORM EN 13 318 and ÖNORM EN 13 813 are to be observed while processing the screed accelerator X4. For aggregates it is mandatory to use sieve line A/B 0-8 mm for the production of screed concrete.

Cement: see MUREXIN GmbH release list. Only use suitable cements.

Do not process X4 screed accelerator at room and substrate temperatures below + 5 °C and above + 30 °C. The general guidelines for cement screeds apply for the execution. The accelerated hardening of screed accelerator X4 must be observed here. Apply or process X4 screed accelerator within 60 minutes (at approx. + 23°C) after mixing.

Higher temperatures shorten this time, lower temperatures increase it. Never dilute screed mortar that is already tightening with water, or mix with fresh screed accelerator X4.

## Technical data

Chemical base	Polycarboxylate
Density	1.1 g/cm <sup>3</sup>
Colour	transparent yellow
Consumption	Dosing of 2.0 % = 5.0 kg to 3.0% = 7.5 kg Ready for laying after 12-14 days: 1.25 kg Screed Accelerator X4 Per screed mixture (250 litres) at a W/B value: max. 0.45 Ready for laying after 3 – 5 days: 1.9 kg Screed Accelerator X4 per screed mixture (250 litres) at a W/B value: max. 0.45 Consumption approx. 7.5 kg/m <sup>3</sup> screed
Certificates/test reports/class achieved	Ö-NORM B 7232, ÖNORM EN 13 318 and ÖNORM EN 13 813
Processing temperature	+5°C to +30°C

## Substrate

### Suitable substrates

The substrate must be dry, free of frost and loose parts.

The substrate must be checked in accordance with ÖNORM B 7232, B 2232 und B 2242.

Suitable for all standard insulation materials which are covered with appropriate foils, vapour barriers etc., for standard sliding layers, as well as for bonded screeds on suitable raw concrete substrates.

The substrate pre-treatment is to be carried out according to the relevant standards and guidelines.

## 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 mixed in!

**12145, SCREED ACCELERATOR X 4, valid from: 09.07.2024, Nicole Zeiml, Page 2**

## Screed and Mortar technology

- 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 environmental conditions significantly influence colouring.

### Environmental information:

- Do not process at temperatures below + 5 °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 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!

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