

## THIXOTROPIC AGENT TE 2K

- > high thickening properties
- > easy to mix
- > low consumption



### Product description

Highly effective additive for thixotropising of reactive resin systems. Indoors and outdoors. The viscosity is significantly increased and the reaction time changed through the addition of thixotropic agent Epoxy TE 2K in two-component reactive resins.

#### Delivery format:

Container	Outer packaging	Pallet
0,5 KG / KE		85
3 KG / KHO		12

#### Storage:

Can be stored frost-free, cool and dry on wooden shelves in unopened original container: 730 days

### Processing

#### Mixing:

Mix components A and B of the respective reactive resin well, decant, mix well again and then add the thixotropic agent up to the desired consistency.

#### Processing:

The mixed product is applied with a suitable tool.

### Technical data

Density

1.6 g/cm<sup>3</sup>

Consumption

Dosing is dependent both on the type of binding agent as well as the environmental conditions.

Recommendation approx. 2 - 4 % of the binding agent

## Substrate

### Suitable substrates:

The substrate must be dry, stable and free of separating, intrinsic and dissimilar substances, pursuant to the IBF Directive - industrial substrates of reaction resin. Residual moisture max. 4 % by weight, measured with the CM device. Substrate temperature greater than 12 °C and 3 K above dew point; adhesive tensile strength on average 1.5 N/mm<sup>2</sup>; adhesive tensile strength smallest single value 1.1 N/mm<sup>2</sup>

## Product and processing instructions

### Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order 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 colour formation is significantly impacted by the environmental conditions.

### Environmental information:

- Do not process at temperatures below +5 °C!
- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- 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!

### 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 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

Please refer to safety data sheet for product-specific information with regard to composition, handling, cleaning, corresponding actions and disposal.

### Limiting and monitoring exposure

#### Personal protective equipment:

##### General protection and hygiene measures:

- Common safety measures for handling chemicals are to be observed.
  - Keep away from foodstuffs, beverages and feedstuffs.
  - Take off contaminated, impregnated clothing immediately.
  - Wash your hands before taking breaks and when finishing work.
- Breathing protection: Not required with adequate room ventilation.

##### Hand protection:

- The glove material must be impermeable and resistant to the product/substance/preparation.

##### Glove material

- Use gloves made from stable materials (e.g. nitrile).

- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to manufacturer.

##### Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

##### Eye protection:

- not required.
- protective goggles recommended when decanting.

Body protection: protective clothing.

**38220, THIXOTROPIC AGENT EPOXY TE 2K, valid from: 03.03.2022, Magdalena Riegler, Page 2**

## Coating technology

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).