

## PRIMER D 1

- > solvent-free
- > concentrate, very efficient
- > binds dust
- > very low-emission, Emissioncode EC1-Plus



### Product description

Solvent-free, odourless synthetic resin dispersion-based primer. Very low emission. can be diluted 1:1 to 1:3 with water.

For pre-treatment of absorbent substrates such as cement screeds, bare concrete coverings and the plastering of cementitious levelling compounds. For anhydrite screeds only before the laying of permeable coverings. Suitable for underfloor heating systems and castor wheel loads.

#### Delivery format:

Container	Outer packaging	Pallet
5 KG / KKA		96
10 KG / KKA		42

#### Storage:

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

### Processing

#### Recommended tools:

Short brush velour roller, paintbrush

#### Processing:

Apply to the substrate undiluted with suitable tool and ensure the prevention of puddle formation.

### Technical data

Dilution	Concentrate 1:1 to 3:1 diluted with water
Consumption	approx. 70 - 100 g/m <sup>2</sup> depending on the substrate
Processing temperature	+15 °C to +25 °C (ideally)
Specific weight	1,0 g/cm <sup>3</sup>
Drying on absorbent substrates	2 - 3 hrs.

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## Substrate

### Suitable substrates:

Standard mineral substrates  
Cement screeds and concrete floors  
Prefabricated screed

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 instructions:

- When working outside the ideal temperature and/or humidity range the material properties may change significantly.
- Bring materials to correct temperature before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water addition amounts or dilution instructions may 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 of 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 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

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).