

Fillinject PU 56

- > Hollow space fixing under parquet flooring
- > ready-to-use
- > resealable
- > waterproof



Product description

Fillinject PU 56 is a single-component, low-viscosity special adhesive that has been specially developed for fixing hollow parquet elements.

It is ideal for injecting under hollow areas or for re-gluing loose elements and can be used for all substrates, types of parquet and adhesives. Due to its reactive formula, the material begins to foam slightly on contact with air humidity and expands in the process. This effectively fills gaps and achieves full-surface adhesion, creating a durable, elastic and waterproof adhesive bond that can withstand high mechanical loads after hardening. Fillinject PU 56 remains dimensionally stable even at extreme temperatures from -40 °C to +120 °C, and thus ensures a durable parquet fixing.

Delivery format

| Container | Outer packaging | Pallet |
|--------------|-----------------|---------|
| 0.5 KG / KFL | 12 | 768 KFL |

Storage

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

Processing

Processing

Find the cavities and mark them if necessary. Mask off the drill holes and drill one or more holes (approx. 4 mm diameter), depending on the size of the cavity and cut the tip of the bottle to the required dosing quantity. Fill the material directly into the prepared drill holes by carefully pressing the bottle together

Protect the injected cavity from mechanical stress until it is fully hardened. After hardening (overnight), seal the drill holes properly, e.g. with wood putty.

Technical data

| | |
|---------------------------|---|
| Chemical base | PU prepolymer |
| Density | 1.1 g/cm ³ |
| Solid content | 99 % |
| Viscosity | approx. 7200 mPas at 23°C |
| Colour | brown (when wet), beige (when dry) |
| Consumption | depending on the size and depth of the cavities |
| mechanically load-bearing | after approx. 6 hrs |
| Processing time | approx. 45 min. |
| fully load-bearing | after approx. 24 hrs |
| Weight | 500 g |

Substrate

Suitable substrates

Standard mineral substrates

Cement screeds and concrete floors Calcium sulphate screeds Wooden substrates Dry screed coated substrates

The substrate must be dry, free of frost, solid, load-bearing, dimensionally stable, and free of dust, dirt, oil, grease, separating agents, and loose parts and correspond to the applicable technical national and European guidelines and standards, as well as meet the “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 the correct temperature before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water addition amounts or dilution instructions must be precisely adhered to!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- The environmental conditions significantly influence colouring.

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 obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual batches may vary slightly without impacting the product's 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.