

DESIGN FILLER METALLIC



Product description

Coloured mixture of minerals and metallic pigments.

For filling reactive resins for the production of creative, visually appealing designer coatings with a metallic effect.

Delivery format:

Container	Outer packaging	Pallet
6 Pcs. / KDO	6	99.999
6 Pcs. / KDO	6	999.999

Storage:

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

Processing

Processing:

Fill as described in the Technical Data Sheet of the binding medium.

Technical data

Density	approx. 3 g/cm ³
Colour	bronze, silver
Bulk density	approx. 25 g/100 ml
Granulation	< 100 µm

Substrate

Suitable substrates:

Requirements for mineral substrates:

The substrate must be dry, stable, and free of separating, intrinsic, and dissimilar substances, pursuant to the IBF Guideline "Industrial floors made of reactive 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/mm²; adhesive tensile strength smallest single value 1.1 N/mm²

Product and processing instructions

Material instructions:

- The material properties may change significantly when working outside the ideal temperature and/or humidity range.
- Bring materials up to temperature accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or dilution specifications must be precisely kept!
- Check coloured products before use for colour consistency!
- Colour evenness can only be guaranteed within a batch.
- Environmental conditions significantly influence colouring.
- Carefully open the container and stir the product well!
- A scale must be used for mixing partial amounts!
- Process reaction resins as quickly as possible after mixing.
- Water-based systems can only be kept for a limited period after dilution with water; which is why we always recommend processing as quickly as possible.
- In water-based systems, the amount of water specified by the manufacturer may only be added after components A and B have been mixed.
- Always allow primers to dry well/cure.
- Odour formation of solvent-based systems must be observed.
- Applied reaction resins can be walked on after 1 day at a constant temperature of + 20 C, after 3 days mechanically, and after 7 days are chemically resistant.
- UV exposure and exposure to certain chemicals can cause discolouration or yellowing on the surface, but this does not impair the functionality or suitability for use of the coating.
- Residual amounts that are not required and have already been mixed must be mixed with quartz sand (smoke development).

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!
- The substrate temperature must be at least 3 K above the dew point (the prevailing relative humidity and the air temperature can be used to determine the respective dew point temperature by means of a dew point table).
- During the reaction phase protect against impurities (dust, insects, leaves, etc.).
- If the time window of 48 hours between the individual work steps is exceeded an intermediate sanding must be carried out!
- We recommend systems which are resistant to yellowing in areas exposed to UV.

Tips:

- We 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.
- To avoid projections and visible transitions of several working paths, these must be processed offset for longer lengths!
- Abrasive, scratching mechanical loads lead to wear marks.
- Plasticisers from car tyres can lead to discolouration.

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 neither constitutes 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.