

FÜLL- UND REPARATURMASSE SF 80

- > stable
- > quick hardening
- > malleable



Product description

Powdery, synthetic resin-modified, stable, quick drying, hydraulically setting repair compound. Only indoors for floor and wall areas for improvement and plastering of steps and podiums, as well as the filling of holes and deep unevennesses in screed and concrete surfaces in layer thicknesses of up to 50 mm. Also suitable for underfloor heating systems and for castor wheel loads.

Delivery format:

Container	Outer packaging	Pallet
25 KG / PS		48

Storage:

Can be stored frost-free, cool and dry on wooden shelves in the unopened original container for: 180 days

Processing

Recommended tools:

Slow-rotating electric agitator, suitable mixing vessel, trowel, smoothing trowel, spatula.

Mixing:

Take a clean mixing vessel and add this product to water using a slow-rotating mixer until a homogeneous and lump-free blend is obtained (mixing time approx. 4 minutes). Only mix as much as can be processed within a pot life of 15-20 mins. Mixing ratio: approx. 5 litres of water per 25 kg filling and repair compound SF 80 (corresponds to approx. 0.20 l/kg).

Processing:

Pour the fresh smoothing compound onto the substrate in one work step, if possible, up to the desired layer thickness (max. 50 mm). For multi-layered application, prime with Plaster Primer D7. After only 15 to 20 minutes, the compound has solidified so that edges can be cut and transitions evened out. The stiffening compound can still be formed and smoothed by cutting, scraping or peeling before the onset of rapid hardening.

Technical data

Can be walked on	after approx. 45 min.
Ready for laying	after approx. 2 - 3 hrs
Consumption	approx. 1.5 kg/m ² per mm layer thickness
Layer thickness	max. 50 mm
Processing time	approx. 15 - 20 min.
Water consumption	approx. 0.2 l / kg (= 5.0 l / 25 kg bag)

Test certificates

Tested in accordance with (standard, classification ...)

GEV Emicode: EC1 Plus

Festigkeitsklasse nach DIN EN 13813: CT-C35-F10

Brandverhalten: A1, Bfl1 s1 nach DIN 13501

Substrate

Suitable substrates:

Standard mineral substrates

Cement screeds and concrete floors

Dry screed elements based on cement

The substrate must be dry, free of frost, solid, load-bearing, dimensionally stable and free of dust, dirt, oil, grease, solvents and loose parts and correspond to the applicable technical national and European guidelines, standards as well as meet the "generally accepted rules of the trade".

Priming:

On absorbent substrates:

Deep Primer D7 (undiluted), Special Primer DX 9 or Primer D1 (mixing from 1:1 to 1:3 with water)

On non-absorbent substrates:

Primer D4 or Special Primer DX 9 (undiluted)

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.
- Already mixed material that is beginning to harden may not be diluted further or mixed with fresh material!
- Recycle only containers which have been completely emptied.
- Only dry the material residues can be disposed of in the domestic waste.

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 relative air 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.

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Parquet and adhesion technology

- Ensure sufficient ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect from direct sunlight, wind and weather!
- Protect adjacent components!.- Make sure children cannot access the area.
- Avoid eating, drinking and smoking while processing this product.
- Do not let it get into the sewage, drinking water or ground.

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 process.- For heated screed, a standard heating procedure must take place before laying.
- The underfloor heating system may not be switched on during processing and hardening.
- Clean the tools with water immediately after use.
- Wear protective gloves.
- Wear protective goggles.
- If the adhesive or the laying material comes in contact with your eyes, wash immediately with plenty of water and contact an eye doctor.
- Protect your hands with waterproof, robust gloves.
- Wear long trousers.
- Avoid longer periods of skin contact with the adhesive or laying material. Wash affected areas of the skin immediately with plenty of water.
- The longer fresh adhesive or installation product remains on your skin the greater the risk of serious skin damage.
- Keep children away from fresh adhesive or installation product.

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.