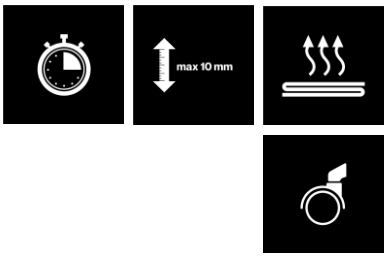
TopLevel MF 4 Rapid Setting Feather Finish







> For fast renovation and repair work on floors and walls
> Stable and low-shrinkage
> Fine-grained and feather-edge applicable down to zero
> Excellent adhesion; suitable for application to many substrates without priming

Product description

Powdered, highly polymer-modified, non-slump, fast-drying, low-stress, hydraulically setting repair levelling compound based on rapid-setting cement. For interior use, for localised repairs and smoothing of floor and wall surfaces. Suitable for underfloor heating and castor wheel loads. TopLevel MF 4 is suitable for filling holes and uneven areas in concrete, cement-based screeds and calcium sulphate flowing screeds, as well as for localised smoothing of existing and newly applied levelling compounds. Typical applications include filling joints in securely fixed timber and chipboard panels, filling screw holes in chipboard and filling joints in existing tiled surfaces. Its non-slump consistency allows repair work to be carried out on both horizontal and vertical surfaces. Its fine grain size allows the surface filling of small, dormant stress cracks that do not require a structural bond, for example in a levelling layer at exposed locations. The levelling compound can be feather-edged down to zero thickness, ensuring a flush transition to the adjacent surface without any difference in level. Once ready for covering, the floor covering can be bonded directly without the need for further full-surface levelling.
Suitable for full-surface smoothing in layer thicknesses from 0 to 10 mm.

Delivery format

Container	Outer packaging	Pallet
6 KG / KE	-	85 KE

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

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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.

Processing
Apply the fresh levelling compound to the prepared substrate, preferably in a single operation, to the required layer thickness and spread evenly. For full-surface smoothing, the maximum layer thickness is 10 mm.
For localised repairs, work the levelling compound into the defective area, panel joint or tile joint using a filling knife. Remove excess material flush with the adjacent surface. Fill small, dormant stress cracks superficially, feathering the compound out to zero thickness at the edges. Do not bond the floor covering until the compound is ready for covering.
The working time is approx. 5 minutes. Higher temperatures reduce the available working time. Particularly in summer, only mix small quantities that can be applied immediately. Prepare the repair areas before mixing the compound.

Technical data

Chemical base	Rapid-setting cement
Consumption	1.5 kg/m² per mm of layer thickness Consumption at a layer thickness of 1 mm: approx. 1.5 kg/m². Coverage per 6 kg: approx. 4.0 m². Consumption at a layer thickness of 2 mm: approx. 3.0 kg/m². Coverage per 6 kg: approx. 2.0 m². Consumption at a layer thickness of 3 mm: approx. 4.5 kg/m². Coverage per 6 kg: approx. 1.3 m². Consumption at a layer thickness of 5 mm: approx. 7.5 kg/m². Coverage per 6 kg: approx. 0.8 m². Consumption at a layer thickness of 10 mm: approx. 15.0 kg/m². Coverage per 6 kg: approx. 0.4 m².
Water consumption	approx. 1.8 l per 6 Kg
Layer thickness	max. 10 mm
Ready for laying	30 - 45 min.
Processing time	5 min.
Can be walked on	20 - 30 min.
Bending tensile strength	F10
Compressive strength	C40
Object and material processing temperature	Ideal temperature range for the material, substrate and ambient air: +15 to +25 °C
Substrate temperature	Minimum: +15 °C

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Test certificates

Tested in accordance with (standard, classification ...)
EN 13813: CT C40 F10
Brandverhalten A1 nach EN 13501

Substrate

Suitable substrates
Conventional mineral-based substrates
Cement-based screeds and concrete floors
Cement-based dry screed elements
Calcium sulphate screeds
Timber substrates
Ceramic tiles
Mixed substrates

TopLevel MF 4 can be applied without priming to many suitable substrates. Whether a primer is required depends on the condition and absorbency of the substrate, as well as the intended floor build-up.
Where priming is required on absorbent substrates, suitable primers such as MurePrime LF 1 (undiluted), MurePrime D 1 or MurePrime DX 9 must be used. MurePrime D 1 can be diluted with water at a ratio of 1:1 up to a maximum of 1:3, depending on the absorbency of the substrate.
Where priming is required on non-absorbent substrates, use MurePrime DX 9 undiluted or MurePrime D 4 Rapid undiluted. The applied primers must be allowed to dry completely before proceeding with subsequent work.
Before filling, remove all loose material and dust from panel joints, screw holes, tile joints and defective areas. In the case of cracks, first assess whether a superficial repair is sufficient or whether a rigid, load-transferring bond is required.
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".

Product and processing instructions

Material information
- When processing outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Condition materials to the appropriate temperature before application.
- To maintain the product properties, no foreign materials may be added.
- Strictly observe the specified water quantities and dilution instructions.
- Mixed material that has already started to stiffen must not be diluted further with water or mixed with fresh material.
- The specified flexural and compressive strength values are based on the stated water addition rate. Any change in the amount of water added may affect these values.

Ambient conditions
- Do not apply at substrate temperatures below +15°C.
- The ideal temperature range for the material, substrate and ambient air is +15°C to +25°C.
- The ideal relative humidity range is 40–60%.
- Higher humidity and/or lower temperatures delay drying, setting and hardening.
- Lower humidity and/or higher temperatures accelerate these processes.
- Ensure adequate ventilation during drying and hardening; avoid draughts.
- Protect from direct sunlight, wind and adverse weather conditions.
- Protect adjacent building components.

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Tips

- We recommend carrying out a test application or trial area beforehand.
- Observe the technical data sheets of all Murexin products used in the system.
- Keep an unopened original product from the respective batch for subsequent repair work.
- For heated screeds, the standard heating-up procedure must be completed before installing floor coverings.
- Underfloor heating must remain switched off during application and hardening.

The information provided represents average values determined under laboratory conditions. Due to the use of natural raw materials, the stated values may vary slightly between individual batches without affecting the product's suitability for its intended use.

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.

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