

FM10 levelling compound - 0 to 10 mm

FM10 | Staenis SKU 00045 | 25 kg

This sheet brings together Staenis practical advice and basic product data. Staenis experience and practical trials underpin its own application advice. General manufacturer data are presented separately, with the original documents available.

Staenis practical advice

Staeis uses FM10 to level tileable insulating screed, sand-cement screeds and uneven concrete substrates. The compound smooths the rough surface of the insulating screed, making tiling easier.

For these applications, Staenis uses the following practical method: multiple layers of up to 10 mm per layer are possible; the next layer can be applied within 24 hours without fresh primer, and after 24 hours with primer reapplied. This is Staenis's own advice, based on experience and practical tests. The manufacturer's general instructions for multiple layers are stated separately in the application section.

Staeis advises always mixing slowly to avoid "burning" the mix. Still mix thoroughly until homogeneous and free of lumps. Always apply the corresponding FG300 primer before the first levelling layer on an absorbent substrate; consult the Staenis primer sheet.

Product data

Cement-based self-levelling compound for interior floors beneath ceramic tiles and natural stone. Light grey powder in a 25 kg paper bag; excellent flow, low tension and suitable for pumping. Composition: special cements, mineral aggregates, redispersible polymers and additives.

Layer thickness 0-10 mm, featherable to 0 mm. Consumption approximately 1.5 kg/m² per mm. Mixing water: 5.5-6 L per 25 kg bag, or 0.22-0.24 L/kg. Working time approximately 30 minutes; walkable after approximately 2 hours. At thicknesses up to 10 mm: ceramic tiles after approximately 12 hours, natural stone after approximately 24 hours and complete drying.

Indicative values at 23 °C and 50% relative humidity. Minimum floor temperature 10 °C; ideally 15-25 °C and relative humidity below 75%. Cold, humid conditions and thicker layers delay drying; heat accelerates it.

EN 13813: CT-C25-F5; reaction to fire A1fl according to the declaration of performance dated 18.05.2020.

EMICODE EC1 PLUS: very low emissions. The emissions licence dated 25.04.2025 is valid until 25.04.2030.

These are product classifications, not an assessment of the complete floor build-up.

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Preparation and application

Check that the substrate is sound, dry, load-bearing and free of cracks. Remove dust, loose particles and layers that impair adhesion. Grind and vacuum calcium sulphate screeds. Correct defects before levelling. Fit perimeter strips and carry existing movement and expansion joints through; prevent compound from flowing into connection joints.

Choose the primer for the substrate and allow it to dry completely. In this method, the FG300 offered by Staenis is intended for absorbent substrates such as tileable insulating screed and sand-cement. Staenis's dilution advice is given with FG300; it does not mean adding extra water to the levelling compound itself.

Pour cold, clean mixing water into a clean container, then add the powder while mixing. Use a suitable levelling-compound mixer. Follow the Staenis slow-mixing advice above and the stated water dosage. Spread evenly with a smoothing trowel or rake; a spiked roller can help release air in thicker layers. Where possible, apply the required thickness in a single operation.

The manufacturer also describes calcium sulphate, existing tiles and terrazzo, firmly bonded waterproof adhesive residues and new mastic asphalt, with a maximum of 5 mm on asphalt. For more than 5 mm on moisture-sensitive or weak substrates, it specifies a sanded epoxy primer. These substrates require their own preparation and primer selection. Suitable with hot-water underfloor heating and electric heating mats subject to system requirements. Wet rooms require suitable waterproofing; do not use underwater or in permanently wet conditions.

Successive layers, drying and storage

The manufacturer's general instructions require adequate drying and an intermediate primer between layers; the Belgian sheet states 1-2 hours for primer drying before the next layer. The Staenis method described above within 24 hours differs from this and is not presented as manufacturer approval.

Prevent rising moisture with suitable measures. Protect the fresh compound from draughts, direct sunlight, heat and water. Avoid leaving the layer uncovered unnecessarily. Being walkable does not mean it is ready for every finish; also follow the adhesive and floor-covering instructions.

Shelf life: 9 months according to the product sheet. Store cool and dry in tightly closed packaging; carefully reseal opened bags and use them promptly.

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Safety and source versions

Danger: H318 - causes serious eye damage. The original safety data sheet specifies professional use only. Avoid dust formation and skin and eye contact. Wear suitable gloves, eye protection and protective clothing; use an appropriate dust mask when mixing. Keep the product out of reach of children. Read the label and the complete safety data sheet before use.

Keep residues out of drains, soil and surface water. Collect residues and follow the disposal instructions in the safety data sheet; empty, clean paper bags can be recycled.

Application information is summarised from the Belgian product sheet 01.2022, with the Staenis method identified separately. The NL-market sheet 01.2024 and the DE/EN sheets 01.2022 are also available. Safety sheets: NL for Belgium, NL for the Netherlands, DE for Germany and EN for Great Britain, all revised on 21.07.2026. No French safety sheet was found during this check. The English UK version does not replace a local EU-market version; check the language, market and product label.

Sources and complete instructions

[Manufacturer - technical sheet BE/NL - 01.2022](#)

[Manufacturer - technical sheet NL - 01.2024](#)

[Manufacturer - technical sheet DE - 01.2022](#)

[Manufacturer - technical sheet EN - 01.2022](#)

[Manufacturer - declaration of performance NL - 18.05.2020](#)

[Manufacturer - EMICODE licence DE - 25.04.2025](#)

[Manufacturer - safety sheet Belgium/NL - v6 - 21.07.2026](#)

[Manufacturer - safety sheet Netherlands/NL - v6 - 21.07.2026](#)

[Manufacturer - safety sheet Germany/DE - v9 - 21.07.2026](#)

[Manufacturer - safety sheet Great Britain/EN - v8 - 21.07.2026](#)

[Staenis - full product page and practical information](#)

Staenis is your contact for its application advice. This is a product and application sheet, not a complete translation of a manufacturer sheet, a safety data sheet or a declaration of performance. The customer's statutory rights remain unaffected.