

Latermix Fast - fast-drying lightweight screed

Latermix Fast | 16 L | Staenis 00048

This sheet brings together existing Staenis installation advice and manufacturer product data. Links at the end lead to the full original technical sheet, declarations of performance and safety data sheet. Source versions and their differences are identified separately.

Staenis advice: bonded installation with levelling grid

This Staenis installation advice applies only to bonded installation on concrete with the Staenis levelling grid. Use a fresh bonding slurry of cement, our FG 300 primer and water according to the Staenis method, and apply Latermix Fast wet-on-wet. The base thickness remains at least 2.5 cm; it may be reduced to 1 cm only locally. This is not advice for an entire floor at 1 cm thickness.

Tip for thin areas: mix with approximately 2 litres of water per bag to achieve an earth-moist consistency. If site conditions require it, the water quantity may be increased slightly to improve workability, as stated in the technical data sheet. Additional water may extend the drying time. Apply the screed onto the still-fresh bonding slurry and compact thoroughly.

Product data and quantities

Premixed, fibre-reinforced lightweight screed based on water-repellent expanded clay, ready for installation after mixing with water. Staenis describes easy spreading and quicker levelling, at approximately 2/3 of the weight of traditional screed. Bagged material is practical for small or hard-to-reach areas.

For indoor and outdoor use, renovation and new construction: bonded, unbonded and floating screeds; falls on roofs and indoors, and substrates for waterproofing. Suitable beneath bonded or floating floor finishes, including tiles, natural stone, parquet and other moisture-sensitive finishes. Follow the substrate, thickness and drying conditions below.

Packaging: 16 L per bag, approximately 18 kg. The manufacturer compares the yield with a traditional 25 kg bag of mortar. A non-returnable wooden pallet holds 84 bags, approximately 1.34 m³ nominal dry product. Allow approximately 0.69 bag/m² per cm (10 mm), depending on compaction. Use the Staenis calculator for your project.

Bulk density in the bag approximately 1150 kg/m³; installed density approximately 1250 kg/m³. Average compressive strength 20 N/mm² (approximately 200 kg/cm²); thermal conductivity λ 0.27 W/mK. Store dry and under cover in the original unopened packaging: 12 months from manufacture. Classifications and source versions are explained below.

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Substrate and mixing

The full French manufacturer sheet, edition 02/22, describes the following general method. It refers to French DTU 26.2 and, for timber floors, the RAGE recommendations for screeds on timber floors. This is the source's application framework, not a new approval of a complete Staenis floor build-up.

The substrate must be clean, sound, dry and free of cracks, with no risk of rising damp. Fit a resilient perimeter strip at least 3 mm thick along walls and columns. Cover services and accommodate substantial differences in level with a suitable levelling fill, for example Cem Classic or Cem Mini.

On highly absorbent older substrates, limit water loss using a suitable primer or separating film, according to the chosen bonded or unbonded build-up. On new concrete beneath moisture-sensitive finishes, the source describes a vapour barrier film or suitable primer against residual moisture. Secure timber boards against movement and install the specified waterproof, vapour-permeable membrane.

Mix whole bags with water only, without additional aggregates or additives. The general manufacturer method uses a concrete mixer or planetary mixer, filled to no more than 60%. Add approximately 2 L of water per bag and mix for about 3 minutes to an earth-moist consistency; do not extend the mixing time. The source excludes hand mixing, shovel mixing and drill-type mixers.

With a pneumatic screed mixer/pump, additional mixing water depends on pumping distance. A slight increase can improve workability under suitable conditions, for example in summer; excess water delays drying and insufficient water can cause overly rapid dehydration. The existing Staenis tip for thin areas is on the first page.

Install between +5 and +35 °C. Working time is approximately 60 minutes at 20 °C. Set the levels, place the mortar, compact carefully, strike off and finish with a float or mechanically. The product is not a permanent exposed finish and must receive a floor covering.

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Installation, drying and source versions

General thicknesses in the full FR sheet: bonded to concrete, minimum 2.5 cm, locally 1 cm, wet-on-wet on a fresh slurry of cement, latex and water. The manufacturer refers to Latex CS for this. The Staenis method on the first page uses the levelling grid and FG 300 and is its own practical advice; the source does not state approval of that combination.

Unbonded on a separating layer: minimum 4 cm. For floating screeds, the source distinguishes a specific separating membrane (Membrane CS: minimum 4 cm) and insulation underlays: class SC1, minimum 5 cm; class SC2, minimum 6 cm with welded mesh, maximum mesh size 100 × 100 mm and minimum mass 325 g/m². SC1 and SC2 are underlay classes, not product names; underlay compressibility affects the required screed thickness. The 5 cm value is therefore not a universal minimum for every insulation underlay.

Joints within the stated DTU framework: floating or unbonded screeds, maximum bay area 40 m² and maximum length 8 m; bonded screeds, maximum 60 m² and 8 m. Form joints in fresh mortar or saw to 2/3 of the depth. Also provide joints where the length/width ratio exceeds 3 or the layout is irregular, aiming for square bays. Continue structural movement joints through both screed and finish. Make day joints clean and perpendicular to the substrate; the source describes reinforcement across the joint and recommends latex bonding slurry on the joint face.

Walkable after approximately 12 hours; this differs from the time before laying a floor finish. Do not re-wet. Keep the screed clear while drying and protect it from sun, strong ventilation, overly rapid drying, rain, heavy site traffic and high loads.

The full FR sheet states 24 hours before tiles and natural stone. For moisture-sensitive finishes: approximately 5 days at 3 cm, 7 days at 5 cm and 17 days at 8 cm. First verify residual moisture below 3% using the carbide method; this is not relative air humidity. These are indicative times; extra mixing water or site conditions may change drying. The English technical summary still states 36 hours for tiles; here we follow the full FR sheet and retain the existing Staenis advice of 24 hours.

Further source data: polymer fibres 19 mm; flexural strength 4 N/mm² according to the FR sheet; water vapour diffusion factor μ 6 in humid conditions; vapour permeability δ 2.6×10^{-12} kg/(m·s·Pa); specific heat 1000 J/(kg·K); French emissions class A+.

Source versions: the FR sheet 02/22 and French declaration of 03.01.2023 state CT-C20-F4. The international EN declaration of 11.06.2025 states CT-C20-F5. The FR sheet gives reaction to fire A1; both declarations give A1fl. The declarations under EN 13813:2002 cover screed material for internal use. These versions are not combined into a new performance claim: use the product identification and declaration corresponding to the supplied bag.

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Safe use and original documents

Read the label and full original safety data sheet before use. The French SDS lists H315, H318, H335 and H317: skin irritation, serious eye damage, respiratory irritation and possible allergic skin reaction. Avoid breathing dust and skin or eye contact. Wear the protective gloves, clothing and eye/face protection specified in the SDS; also follow its ventilation and any respiratory protection instructions.

The available original SDS is FR/France, revision 4 dated 19.03.2024, UFI G9D1-10ET-Y00H-26JU. Compare this identification with the supplied label. This does not establish a suitable NL/BE, EN or DE safety data sheet. The original manufacturer documentation is intended for professional use. The complete, unchanged original SDS remains available through the links below.

Sources and complete instructions

[Manufacturer - full technical sheet \(FR\), edition 02/22](#)

[Manufacturer - technical summary \(EN\), different tiling time](#)

[Manufacturer - original SDS \(FR/France\), revision 4, 19.03.2024](#)

[Manufacturer - original SDS \(FR/France\), stored copy](#)

[Manufacturer - declaration of performance 0019 \(FR\), 03.01.2023](#)

[Manufacturer - declaration of performance 0019 \(EN\), 11.06.2025](#)

[Manufacturer - technical sheet \(FR\), stored copy](#)

[Manufacturer - technical summary \(EN\), stored copy](#)

[Staenis - quantity calculator](#)

[Product video](#)

[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.