

FLIESST & FERTIG



Self-levelling floor levelling compound for layers with thicknesses from 2 to 10 mm, indoors and outdoors.

Product performance

- | The classic LUGATO levelling compound product.
- | Regardless of whether it's used indoors or outdoors: it is always the right product.
- | Self-levelling, frost-resistant, waterproof, crack-free in a 2–10 mm layer.
- | With reinforced surface – important for later gluing of parquet.
- | With increased bending stress – required for the stress caused by chair castors and automobile tyres.
- | Also on top of heated screeds, on balconies and patios, in single-car garages.

Important: Always prime with BESTE BASIS!

Applications

1. For levelling of uneven surfaces prior to gluing of flooring, e.g., tiles, carpeting, PVC (minimum layer thickness of 2 mm).
2. For levelling of uneven surfaces prior to gluing of parquet and laminate and prior to priming (minimum layer thickness of 5 mm).
3. For production of walkable layer thicknesses, e.g., in basements, hobby rooms, on balconies and terraces (minimum layer thickness of 5 mm).
4. For manufacturing of loadable usable layers in single-car garages. (Minimum layer thickness 5 mm)

Indoor and outdoor use.



Self-levelling for level surfaces.

Substrates and preparation

Suitable	Concrete and cement-based screed.
Consistency	Loadable, clean, tear-resistant, dry, free of separation layers, e.g., cement skin, care products, colours.
Preparation	Remove cement skin for concrete- and cement-bound screeds using water and steel brush. Allow the substrate to dry, or remove the cement skin by grinding and vacuuming. Priming with BESTE BASIS. Insert edge insulating strips into the connection joints between the floor and wall. Smooth the visible, large pores with stiffly prepared FLIESST & FERTIG.

Processing



1

Brush on BESTE BASIS in the substrate. Allow to dry for at least 4 hours.



2

Stir bag contents (20 kg) in 4.0L of clean water with slowly turning mixer. Stir again after 5 minutes. Do not mix more than two bags at once.



3

Pour out material section by section. Begin on a wall. In the meantime, begin mixing the next bag in order to be able to quickly pour out one bucket after the other.



4

Support the merging of the masses by using a finishing trowel; if required, use a spike-tooth roller or garden rake. Process the mass within a period of approx. 20 minutes. Protect the fresh material from draught and sunlight.

Important: Do not forget the edge insulating strips (for decoupling between the wall and the floor levelling compound, prevents stress, transmission of footfall sound, and intrusion of the mass in the joint between the screed and wall.)

Product data

Quantity, yield depends on the application area and the layer thickness.

Layer thickness of FLIESST & FERTIG as a substrate for follow-up work or as a usage layer	Consumption	Yield of 20 kg FLIESST & FERTIG
at least 2 mm for tiles, carpet, cork and PVC.	approx. 3,4 kg/m ²	approx. 5,9 m ²
at least 5 mm for parquet, laminate, NEUER ANSTRICH and as walkable/loadable use layer.	approx. 8,5 kg/m ²	approx. 2,3 m ²
up to 10 mm for all of the above-noted follow-up work or as a usage layer.	approx. 17,0 kg/m ²	approx. 1,2 m ²

Processing time (time in container)	approx. 20 Minuten.
Processing temperature	5–30 °C.
Can be walked on/loaded	after 10 hours / after 7 days.

Product data (continued)

Waiting times until gluing with LUGATO adhesives	gluing carpet or tile, 2 days; PVC, cork, laminate, glue parquet, laying laminate, paint after 7 days.
Temperature resistance	-20 to 70 °C.
Adhesive tensile strength on concrete (28 days)	approx. 2,5 N/mm ² .
Ingredients	standard and special elements, quartz sand, plastic additives, levelling agent, anti-foaming agent.
Ecology	contains no quartz powder.
Pack sizes	20 kg, 5 kg.
Shelf life	approx. 12 months in original packaging. Store in a dry place. All times based on 15–20 °C and 65% rel. humidity. High temperatures shorten the processing time and increase the hardening time; lower temperatures delay the hardening times.

Please note

- | For layer thicknesses of under 3 mm, evenly disperse material using finishing trowel.
- | Not loadable in the exterior area.
- | FLIESST & FERTIG can be applied in a multi-layered fashion (after 48 hours drying; without intermediate priming).
- | The total layer thickness must not exceed the maximum layer thickness of the respective application.

Health & safety: Causes skin irritations. Causes severe eye damage. Can irritate the respiratory system. If medical advice is necessary, keep the packaging or marking label ready. Keep out of the reach of children. Use only outdoors or in well-ventilated rooms. Protective gloves (e.g., wear nitrile-impregnated cotton gloves)/protective clothing/eye protection/face protection. **IN CASE OF EYE CONTACT:** Carefully rinse with water for a few minutes. Remove any contact lenses. Continue rinsing. GHS CODE: ZP1. Contains Portland cement. Shows strong alkaline reactions when exposed to water. Prevent dust formation and mortar splashes. Request safety data sheet if needed or download it online at www.lugato.de.



Hazard

Disposal: Bring residual content to hazardous waste disposal. Recycle empty packaging.

The statements made in this information sheet reflect our current knowledge and experience. Since we do not have influence on the building-specific circumstances and the correct execution of the work, we can only guarantee the consistent quality of our products.

For that reason, in case of doubt verify the suitability of the product through a sufficient number of test applications. A direct legal liability can be derived neither alone from the instructions in this information sheet nor from any verbal consultation.

The publication of this technical information sheet invalidates the previous editions. Subject to change without prior notice.



Responsible Care (RC) for the chemical industry means taking responsible action. It makes this clear through a worldwide initiative. In many countries, chemical associations run national RC programmes. In the international initiative, thousands of companies are active with millions of employees. The goal is voluntary commitment to do more than just the compulsory: Promoting sustainability, demonstrating product responsibility, creating more safety for factories and the neighbourhood, improving health protection at the workplace and improving environmental protection. In the frame of its membership in the German Chemical Industry Association (Verband der deutschen chemischen Industrie), LUGATO has committed itself to adhere to this objective.

If you're not sure of something, please ask!

Feel free to give us a call. You can reach the LUGATO experts at: (040) 6 94 07-222.

Seminars

In cooperation with its trading associates, LUGATO is glad to pass on practical knowledge such as how to install tiles. Find more information about the current range of handyman seminars at www.lugato.de or at your local dealer.



SIMPLY DO IT YOURSELF

Ask your retailer about the "SIMPLY DO IT YOURSELF" brochure. On more than 160 pages with over 1000 illustrations from "Gluing Tiles" to "Sealing Buildings". All instructions are simply explained picture-by-picture.



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