Servofix FG

Self-Leveling Compound

- Pumpable formulation for efficient large-area installation
- Excellent flow and self-leveling performance for smooth, uniform surfaces
- Suitable beneath wood flooring, resilient, and textile coverings
- Application range: 1–20 mm / 1/25 to 13/16 inch standard application | Up to 13/16 inch with added quartz sand (14 1/8 lbs per 44 lbs bag; grain size 1/32–3/64 inch)
- Chair castor resistance from 1 mm /1/32 in thickness (per DIN EN 12529)
- Low-chromate formulation (GISCODE ZP 1 – TRGS 613 compliant)
- Low-Emission Certified: EMICODE EC 1Plus classification ensures very low VOC emissions,
- supporting healthy indoor air quality
- VOC - 0.0 g/l

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DESCRIPTION

Servofix FG is a cementitious, polymer-modified universal self-leveling compound featuring exceptional flow characteristics. It is designed for leveling substrates up to 20 mm in preparation for the installation of resilient floor coverings, textile flooring, and hardwood.

⚠ Not suitable for use in wet areas.
For applications requiring enhanced tensile and flexural strength, **Kiesel reinforcing fibers** may be incorporated into the mix. One bag of fibers to one bag of **Servofix FG**.

SUBSTRATE PREPARATION

Substrates must be prepared in accordance with applicable national standards and the current BEB guidelines (Assessment and Preparation of Substrates). All surfaces must be clean, dry, level, structurally sound, and free of dust, contaminants, and bond-inhibiting substances.
Outside of Germany, all relevant local building codes and regulatory standards must be observed in place of or in addition to BEB guidelines.

Recommended Primers Based on Substrate Type:

- Standard absorbent substrates: Use **Okatmos® EG 20**
- Non-absorbent or critical substrates: Use **Okamul PU-V rapid** or **Okapox GF**
- Calcium sulphate-based screeds >10 mm thickness: Use **Okamul PU-V rapid** or **Okapox GF**

Ensure all components used are system-compatible with Kiesel products for optimal performance and warranty assurance.

PROCESSING

- Mix **Servofix FG** with clean, cool water using an electric mixer (max. 600 rpm).
- Water quantity: approx. 5.2–5.6 L per 20 kg of powder
- Let the mixture slake for approx. 3 minutes, then remix briefly before applying.

Application:

- Apply using a trowel or squeegee to the required thickness.
- For use under hardwood, do not exceed 5.2 L of water per 20 kg.

Second Layer Application:

- Apply the second layer wet-on-wet once the surface is ready for foot traffic, or
- Allow to dry, then re-prime with **Okatmos® EG 20** before recoating.

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Conditions:

- Avoid direct sunlight, drafts, and rapid drying conditions during the curing phase.

Fiber Reinforcement:

- When adding **Kiesel reinforcing fibers**, first mix the leveling compound as instructed.
- Then add 1 full bag of fibers per 20 kg, remix to a homogeneous consistency, and apply.

SPECIFICATIONS

Color	Grey
Application	Interior
Thickness of the application	1 - 20 mm
Quartz sand	Quarz sand addition possible from 10-20 mm 6.4 kg Quartz sand (grain 0,6 - 1,2 mm) per 20 kg powder
Chair caster suitability	Suitable from 1 mm thickness (per DIN EN 12529)
Water demand	Approx. 5.2 - 5.6 L per 20 kg powder
Processing time*	ca. 40 Minuten
Ready for traffic*	after approx. 1.5–2 hours
Ready for installation*	

Flooring Type	Layer Thickness	Time to Cover
elastic/textile coverings	1–5 mm	14 hours
elastic/textile coverings	5–10 mm	24 hours
elastic/textile coverings	10–20 mm	48 hours
wood flooring	2–5 mm	48 hours
wood flooring	5–10 mm	72 hours

Times are based on 20°C (68°F) and 65% relative humidity. Lower temperatures or higher humidity may extend curing time.

Floor heating system	Suitable
EMICODE	EC 1^{Plus} (very low emission – GEV)
GISCODE	ZP 1 (low-chromate – TRGS 613)

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Storage	months in dry conditions, unopened packaging

* All values based on 20°C (68°F) and 65% relative humidity. Drying times will vary with temperature and ambient conditions.

COVERAGE

Layer Thickness	Consumption
Per mm thickness	Approx. 1.4 kg/m²/mm

CLEANING

Clean all tools and application equipment immediately after use with water.

Do not allow the product to dry on tools, as hardened material will be difficult to remove.

PACKAGING

Description	Item No.	
germany: 42 x 25 kg paper bags	42005	4015705420059
CAN ??: 54 x 20 kg (44 lbs) paper bags	80157	

The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.

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