

DATASHEET

Servoplan Ki 3 Universal screed

- self-leveling
- up to 10 mm thickness (laced with quartz sand up to 20 mm)
- suitable for multi-layered prefabricated parquet
- long processing time



PRODUCT DESCRIPTION

Cement-bound, very low-emission, polymer-modified universal screed with good levelling properties for filling and levelling ready-to-install substrates up to 10 mm layer thickness before the installation of resilient and textile floor coverings as well as multi-layered engineered parquet in conjunction with **Bakit EK new** or **Bakit FPK**.

Also suitable as a substrate for laying ceramic tiles, natural stone and artificial stone. For dry interior areas on load-bearing, rigid and dimensionally stable substrates, as well as for water exposure classes according to DIN 18534 W0-I, W1-I, and W2-I in private bathrooms and hotel showers outside the shower area, in conjunction with a bonded waterproofing system. Also suitable on mastic asphalt screeds of hardness class IC 10 and on suitable, firmly bonded and screwed-down chipboard/OSB panels in layer thicknesses up to 5 mm. **Servoplan Ki 3** cannot be used as a finished floor.

SUBSTRATE PREPARATION

The substrate must be tested and ready for laying pursuant to VOB, Part C, DIN 18 365, DIN 18 356 as well as the state-of-the-art. Prepare the substrate in accordance with the current BEB datasheet, "Assessment and Preparation of Substrates", as well as datasheet TKB-8.

Depending on the type of substrate and its future intended use, pre-coat with **Okatmos® EG 10, Okatmos® EG 20, Okatmos® EG 25, Okatmos® DSG, Okatmos® UG 30, Okapox GF, Okapox SPG, Okamul PU-V schnell** or **Bakit PV-Universal**, to ensure a system setup is guaranteed.

PROCESSING

Mix **Servoplan Ki 3** with clean, cool water using an electric stirrer at max. 600 rpm until lump-free. To improve the flow and processing properties we recommend a slake time of 3-5 minutes after the initial mixing and stir again. Then apply the filler using a trowel or squeegee. If second coat of leveling is required, always apply wet-on-wet immediately after the surface is ready for foot traffic or wait until the self-leveling compound is full dry and prime again with **Okatmos® EG 10, Okatmos® EG 20, Okatmos® EG 25, Okatmos® DSG, Okatmos® UG 30, Okapox GF, Okapox SPG, Okamul PU-V schnell** oder **Bakit PV-Universal**.

Avoid direct sunlight and draft during the drying period. If in doubt perform a test area first.

SPECIFICATIONS

Color	grey		
Application	interior		
Thickness	1 - 10 mm (stretched with quartz sand up 20 mm) On mastic asphalt screeds and chipboard/OSB flooring panels, max. 5 mm. Minimum 2 mm thick leveling compound is required under parquet or engineered wood.		
Quartz sand	possible from 10 mm layer thickness 6,0 kg Quartz sand (size 0,6 - 1,2 mm) per 20 kg powder		
Chair caster suitability	suitable from 1 mm layer thickness (in accordance with DIN EN 12 529)		
Water demand	approx. 5.2 litres per 20 kg powder		
Processing time*	approx. 40 Minuten		
Application temperature	+ 15 °C to + 25 °C (substrate)		
Walkable*	after approx. 2 hours		
Ready for installation*	Surface covering	thickness in mm	after approx.
	elastic and textile coverings	1 - 10 mm	1 day
		10 - 20 mm	2 days
	parquet	2 - 5 mm	2 days
		5 - 10 mm	3 days
	ceramic floor coverings		4 hours
	natural stone floor coverings		24 hours
Floor heating system	suitable		
GISCODE	ZP 1 - low in chromate according TRGS 613		
EMICODE	EC 1 ^{Plus} according to GEV		
Storage	store in a dry place for up to 6 months		

* At 68 °F (+20 °C) relative humidity.

Higher temperature and low humidity decrease, lower temperature and high humidity increase this value respectively.

COVERAGE

approx. 1.5 kg/m² per mm thickness

CLEANING

Clean tools immediately with water.

PACKAGING

Product description	Item no.	Item no.
52 x 20 kg paper bags	42073	4015705420738

SAFETY NOTICE

Contains cement, low in chromate according to EU Regulation 1907/2006 (REACH) GHS CODE ZP 1.

When stored properly in a dry place, it remains low in chromate for at least 12 months from the date of manufacture.

- Keep locked up and out of the reach of children.
- Keep children away from fresh product/laying material!
- Store in a cool, dry place.
- Opened containers must immediately be re-sealed tightly.
- Wear nitrile-impregnated cotton gloves and long trousers.
- When mixing wear a protective dust-mask and safety goggles.
- Ensure thorough ventilation during and after processing/drying!
- Avoid eating, drinking, and smoking when processing the product!
- If the product comes into contact with your eyes, rinse immediately with plenty of water and consult an ophthalmologist.
- Avoid prolonged skin contact with the product. Immediately and thoroughly clean any affected skin areas with water. The longer the freshly mixed product remains on the skin, the greater the risk of serious skin damage.
- Do not allow the product to enter sewerage networks, watercourses or ground soil.
- Clean tools immediately after use with soap and water.
- Only recycle completely emptied containers.
- Solid, dried and cured residues can be disposed of as construction waste or as domestic waste.
- The basic requirements for optimal indoor air quality after flooring work are standard-compliant installation conditions and thoroughly dried substrates, primers, and leveling compounds.

Information for allergy sufferers is available at +49 711 93134-0.

Product contains: Portland cement, aluminate cement, calcium carbonate, quartz sand, defoamer, and plasticizer.

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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