



KESTONIT OPTIO

Self-levelling floor screed 3-20 mm

AREA OF APPLICATION	Suitable for levelling floor surfaces in 3-20 mm thick coatings before laying the floor covering. For levellings over 20 mm we recommend Kestonit Termo or Kestonit Rapid levelling screed. Kestonit Optio is not recommended for smoothing the subfloor for mosaic parquet.		
SUBFLOOR	The subfloor must be clean, firm and strong. Remove the so-called cement skin and paint splashings, and brush or vacuum the subfloor thoroughly. Rough uneven areas and high ridges must be sanded before levelling. When working with concrete floors, prime the surface with Kiilto Start Primer thinned with water (10-20 % of primer, 80-90 % of water). Surfaces under reconstruction as well as wooden or board surfaces shall be primed with Kiilto Start Primer before levelling. If necessary special alkali-resistant fibreglass mesh can be used.		
PROPERTIES	<ul style="list-style-type: none">* can be levelled to form a ready adhesion surface* walkable after 5 hours* on layers up to 10 mm flooring can be laid after 24 hours. On layers up to 20 mm flooring can be laid after 3 days at normal room temperature* adheres to concrete, wood and various construction plates (Note the correct priming)* extremely good self-levelling properties* practically non-shrinking* moisture resistant* lowest application temperature +10°C* casein-free* pumpable		
TECHNICAL DATA	Type	synthetic resin-special cement-quartz-based powder	
	Max. particle size	0.5 mm	
	Thickness of levelling	3-20 mm	
CONSUMPTION	1 mm coating /m ² of solid matter weighs approx. 1,6 kg		
WORKING TIME	appr. 30 min.		
MIXING RATIO	abt. 4,5 l water to 20 kg Kestonit Optio floor screed		
RECOMMENDED WORKING CONDITIONS	Temperature of room and subfloor	+18...+20°C	
	Subsurface moisture	-wood	8...12%
		-concrete	max.4% by weight or under 90 % RH

Levelling must be carried out at the normal use temperature of the room. The prevailing conditions, such as the temperature of the room, floor screed and water, the texture and moisture of the subsurface as well as relative air humidity considerably affect the bonding time and drying. Our recommendations can therefore only be used as a guideline.

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INSTRUCTIONS FOR USE Add the floor screed powder gradually to cool, clean water, stirring simultaneously until a smooth, plastic mix is formed. Let the mix settle for about 5 minutes, then stir once more thoroughly. Apply smooth screed by pouring it as wide stripes on the floor. Levelling can be improved with a wide steel trowel. Screed can be spread also by floor screed pump. The drying of the coating must not be quickened by heating or ventilating, as too fast drying may cause hair cracks. If the temperature in the treated room is higher than normal, the relative humidity very low, or if the levelled floor surface is exposed to direct sunlight, we recommend that the floor is covered with a tarpaulin as soon as it is dry enough to allow walking.

The floor should be covered relatively soon after the hardening and drying of the floor levelling. Thus the overdrying of the surface is avoided and the risk of the cracks and weak bond is eliminated. Suitable also for floors in secondary, light loaded rooms that will be painted, but not for example under the paint of the floors of garages or bathrooms etc.

For the rooms, where water isolation is used, floor levellings should be applied under the watertight membrane. Not recommended for areas permanently under water (e.g. swimming pools).

Note: Avoid excessive use of water!

PACKING SIZE 20 kg bag

NOTE Storage time for an unopened package max 1 year in dry conditions.

Avoid unnecessary contact with skin and mucous membranes. Fresh levelling compound is alkaline and causes irritation. The use of dust mask during mixing and sanding is recommended. There is a separate MSD available

The above recommendations are based on our own research and the best knowledge available. The local working conditions and methods may vary, however, and these are beyond our control. Therefore we cannot be held responsible for the actual work on site.

If you have any problems, please contact our technical service, tel. +358 (0)207 710 100 or <http://www.kiilto.com>.