



Universally applicable on tiled surfaces, on wooden substrates and over floor heating

// Technical Data

Pot life (DIN EN 16945)	approx. 20 min. (+ 20 °C)
Application temperature	+ 5 °C to + 30 °C
Bulk density (powder)	approx. 1.3 g / cm ³
Initial set	> 60 min.
Final set	< 120 min.
Compressive strength (28 days)	approx. 30 N / mm ²
Bending tensile strength (28 days)	approx. 10 N / mm ²
Tensile strength (depending on substrate)	up to 3 N / mm ²
Resistant to foot traffic	after approx. 4 hours*
Can be tiled over	after approx. 6 hours*
Application of Parquet, Carpet, synthetic flooring	after 48-72 hours*
Water requirement	5.2 l per bag
Layer thickness	2 mm bis 15 mm
Layer thickness in depressions	up to 30 mm
Layer thickness on smooth surfaces	up to 15 mm
Consumption	approx. 1.6 kg Powder / m ² / mm layer thickness

*depending on temperature



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DEUTSCHE BAUCHEMIE



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KÖSTER

Floor Systems
 Self-leveling Underlayment
 KÖSTER SL Flex



On wooden substrates

Over floor heating

On tiled surfaces



// Application



1 Substrate preparation: fastening of loose boards and sealing surface defects



2 Prime with KÖSTER VAP I 06



3 Application of KÖSTER Glass Fibre Mesh onto the wooden substrate



4 Distribute the material in the desired layer thickness directly after mixing (min. three minutes)



5 When working larger areas use a KÖSTER Gauging Rake to distribute the material



6 Lastly a KÖSTER Spiked Roller is used for de-airing



KÖSTER SL Flex
The result: a fast-setting underlayment that provides a smooth, level surface



Key features of KÖSTER SL Flex

- Excellent bonding characteristics on various surfaces: wood, tile, steel, concrete, screed
- Early loadable mineral based underlayment for tiled surfaces
- High flexibility: accommodates movement in the wooden substrate as well as high point loads
- Stabilizes the surface due to its high flexural strength
- Resistant to foot traffic after approx. 4 hours*
- Can be tiled over after approx. 6 hours*
- Application of parquet, carpet, synthetic flooring after 48 – 72 hours*
- Low viscosity and self-levelling during its pot life
- Can be applied in layer thicknesses between 2 and 15 mm, in depressions up to 30 mm
- Hardens quickly and tension free
- Easy to install
- Pump- and pourable
- Ideal for changes in use and renovations

*depending on temperature