



# webervetonit 5000

## Floor screed

- Thick levelling layers
- Bathroom inclines
- Ready for covering in 1-7 days
- Can be immediately waterproofed
- Low alkaline

### About this product

Hand-spread, fast-curing and enables fast covering cement-based screed for concrete flooring. Layer thickness 5-50 mm, hole filling < 80 mm.

### Product attributes

- Low emissions
- Heated floors
- Low alkaline
- Coatable

### Application characteristics

- Hand applied

### Area of use

For bathroom floor levelling and inclines. The product is part of Weber's bathroom system.

### Substrate

Suitable substrates are cement-based substrates with a tensile strength of > 1 MPa and plasterboard. There are separate instructions for treating the substrate, see weber MD 16 Primer product datasheet.

### Substrate type

- Concrete
- Floor levelling

### Mixing

One sack (20 kg) of powder is mixed in 2.8 litres of clean water (14% of dry weight). The mass is mixed for at least 1 minute with a powerful drill whisk. The working time is normally 30 minutes after the addition of water. The temperature of the mass must be at least +10 °C. In cold conditions use warm water (max. +35 °C). Excessive water causes separation and lowers the strength of the surface layer, which is why excess water must not be used.

### Work instructions

The building must have a roof, and windows and doorways must be closed. The substrate and the air temperature during the levelling work and for a week thereafter must be between +10...+25 °C. Draught on the floor surface must be avoided during levelling and for 3 days after. The relative humidity of the substrate must be <90%. The screed is applied with a steel trowel or a float. Clean tools with water immediately after use. Hardened screed must be mechanically removed from tools.

Covering time:

Product specification	
Material consumption	approx. 1.8 kg/m <sup>2</sup> /1 mm layer
Recommended layer thickness	5-50 mm (hole filling 5-80 mm)
Recommended water content	2.8 l/20 kg (14% of dry weight)
Application temperature	+10...+25 °C. Optimal +15...+20 °C.
Curing time for covering	24 h/10 mm layer thickness, > 30 mm (7 days). (+23 °C, 50% RH)
Curing time for pedestrian traffic	2-3 h (+23 °C, 50% RH)
Binder	Special cement mixture
Filler	Natural sand and limestone powder, grain size < 1.2 mm
Additive	Additives to improve adhesion and workability properties. Casein-free.
Floor screed layer tensile strength 28 days	≥ 10 N/mm <sup>2</sup>
Compressive strength class	C 20 (EN 13813)
Compressive strength 28 days	≥ 20 N/mm <sup>2</sup> (+23 °C, 50% RH)
Flexural strength class	F 5 (EN 13813)
Flexural strength 28 days	> 5 MPa (+23 °C, 50% RH)
Shrinkage 28 days	< 0.5 mm/m (+23 °C, 50% RH)
Reaction to fire (for exposure situations)	A2 <sub>s</sub> -s1 (EN 13501-1)
Wear resistance to rolling wheel of screed material with floor coverings (RWFC)	RWFC 250. Can be used in offices. (EN 13813)
Durability	Water resistant
The pH of the cured material	10.5-11. Low alkaline.
Color	Grey
Shelf life	approx. 12 months from the date of manufacture (unopened package, dry space)
Package	20 kg sack
Certifications	CE, M1, ECI+, EPD

The screed is ready for foot traffic in 2-3 hours when the room temperature is +23 °C. If necessary, the surface can be sanded and/or smoothed (using webervetonit 3100 Fine levelling, for example) 4-6 hours after levelling. High moisture content of the substrate and poor drying conditions prolong the covering time. When installing the floor covering, the ground humidity guidelines required by RYL and the coating manufacturer must be followed.

### Coating

The levelled substrate can be waterproofed in accordance with Weber's Waterproofing work instructions or covered with most floor coverings such as ceramic and stone tiles, plastic or textile mats, vinyl tiles, cork or board parquet. Plywood is installed on the substrate under adhesive parquet because of the stresses caused by the moisture of the wood. If necessary fine levelling is done using webervetonit 3100 Fine levelling. It is not recommended to paint the surface or to leave it uncoated!

### Disclaimer

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