



Applications

Levelling of wide, very uneven concrete / screed substrates indoors before installing the covering and also thick filling work. The surface of the screed must be smoothed before gluing the floor covering.

Substrate

Suitable substrates are cementitious substrates with a tensile strength of > 1 MPa. There are separate instructions for treating the substrate, see **weber MD 16** Primer product datasheet.

Mixing

The product is mixed in clean water using a Weber-approved automatic mixer. A suitable amount of water is approx. 19% (of the dry weight of the screed), which is equivalent to 3.8 litres / 20 kg sack. Mixing can also be done using a powerful drill whisk for at least 1 minute. The water content can be increased by a maximum of 0.3 litres / 20 kg sack. Pot life in normal conditions is approx. 20 min after adding water. The temperature of the screed must be at least +10 °C. In low temperatures, use warm water (max. +35 °C). The flow properties of the screed are checked before and during pumping (further instructions from Weber). Excess water causes segregation and weakens the strength of the screed surface, so an excessive amount of water must not be used.

Work instructions

The building must have a roof, and windows and doorways must be closed. The substrate and air temperature during the levelling work and for one week after should be between +10...+ 25 °C. Draught on the floor surface should be avoided during levelling and for three days after the work. The relative humidity of the substrate must be <90%. The maximum width of the pumped area is 6–8 m depending on the pump power and the thickness of the screed. Wider areas are divided into sections using temporary dividers. The pumping is carried out in sections so that the new section is pumped as quickly as possible partially to the previous one. Connecting sections while casting is aided using a wide steel trowel or by "wobbling". When spreading by hand use a steel trowel. Tools must be cleaned with water immediately after use. Hardened screed is removed from the tools mechanically.

Drying time:

The screed is ready for foot traffic 2–4 hours after levelling if the room temperature is approx. +23 °C. If necessary, the surface can be sanded and smoothed (e.g. **webervetonit 3100**) at earliest 2 days after levelling. The floor covering can be installed 1–4 weeks after levelling, depending on the layer thickness and the drying

conditions. High moisture content of the substrate and poor drying conditions prolong the drying time. Floor covering installation must comply with humidity guidance values required by RYL and the coating manufacturer.

Movement joints:

At the structural movement joints of the substrate, the levelling layer is cut off, for example using an angle grinder, as soon as the levelled surface supports foot traffic. The joints are filled with elastic sealing material.

Coating

The levelled substrate can be covered with ceramic or stone tiles, etc. or board parquet. Plastic, linoleum or textile mats as well as vinyl and cork tiles require smoothing with e.g. **webervetonit 110 fine** Self Level Plus or **webervetonit 3100** Fine Levelling screed. Moisture measurement and drying evaluation should be performed for the entire structure (substrate and screed) and the coating capacity should be evaluated accordingly. There must be an underlayer of plywood between the substrate and the glued parquet. Painting the surface is not recommended.

Please note!

The product fulfils the wear resistance class RWFC250 (EN 13892–5) requirements. In practice, this means that it is suitable for levelling in corridors where glued carpet is used. However, the wear resistance class RWFC250 is not sufficient for glued coatings in office and public buildings. Possible holes or imperfections are repaired using **webervetonit 3400** Finishing screed before carpet installation.

Disclaimer

Restrictions on the use of the product: cf. Weber's design and work instructions and the general delivery terms.

