





Quick-drying, low-alkaline fiber-reinforced finish for virtually all coatings and substrates. Layer thickness 5-30 mm.

Excellent spreading and workability
 Can be coated after 1 day up to 20 mm
 Low alkaline pH 10.5-11 Protects against alkaline degradation of floor adhesives (min. 5 mm thickness) -> healthy indoor air
 Significantly improves the comfort of laminate and parquet flooring

PRODUCT DESCRIPTION	
	approx. 1.7 kg/m ² /1 mm layer
Recommended layer thickness	5-30 mm, with glass fibre net reinforcement min. 10 mm, floating structure min. 20 mm
Recommended water content	4.0 l/20 kg (20% of dry weight)
Application temperature	+10...+25 °C. Optimal +15...+20 °C.
Curing time for pedestrian traffic	2-4 h (+23 °C, 50% RH)
Curing time for covering	24 h up to 20 mm, 48 h up to 30 mm (+23 °C, 50% RH)
Binder	Special cement mixture
Filler	Limestone powder, grain size < 0.6 mm
Additive	Agents and fibers to improve adhesion and spreading properties. Casein-free.
Floor screed layer tensile strength 28 days	1.5 N/mm ²
Compressive strength class	C 30 (EN 13813)
Compressive strength 28 days	30 N/mm ² (+23 °C, 50% RH)
Flexural strength class	F 7 (EN 13813)
Flexural strength 28 days	> 7 MPa (+23 °C, 50% RH)
Shrinkage 28 days	< 0.4 mm/m (+23 °C, 50% RH)
Reaction to fire (for exposive situations)	A2 _{FL} -s1 (EN 13501-1)
Wear resistance to rolling wheel of screed material with floor coverings (RWFC)	RWFC 350. Can be used in offices. (EN 13813)
Durability	Water resistant (can be waterproofed)
The pH of the cured material	10.5-11. Low alkaline.
Colour	Grey
Shelf life	approx. 12 months from the date of manufacture (Unopened package, dry space)
Package	20 kg sack
Product certifications	



Applications

Levelling of interior floors before installing the covering. In addition to conventional substrates, the screed is suitable for spreading on wood floors, low-strength concrete, plasterboard and old tiling, for example. 3300 Smooth Levelling is suitable for use as a floating structure detached from the substrate. In all floating structures, the screed is separated from the substrate by either a Geotextile or other casting protection. Also suitable for use with underfloor heating.

Substrate

Suitable substrates include: low-strength concrete, wood, plasterboard, magnesite, plastic, vinyl and ceramic tiles, and the like. The tensile strength of the substrate must be > 0.5 MPa. The weberfloor 4945 Fiberglass mesh is reinforcement for the levelling layer and is attached to the substrate point-by-point. There are separate instructions for treating the substrate, see weber MD 16 Primer product datasheet.

Mixing

One sack (20 kg) of powder is mixed in 4.0 litres of clean water (20% of the dry weight). When mixed by hand, the mixing is carried out with a powerful drill whisk for at least 1 minute. When pumping 3300 Smooth Levelling, mix it in clean water using the Weber-approved automatic mixer. Check the spreadability of the screed before and during pumping (further instructions from Weber). The normal working life is approx. 15 minutes after adding water. The temperature of the mass should be at least $+10$ °C. Use warm water in cold conditions (max. $+35$ °C). Too much water causes separation and weakens the strength of the screed surface.

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 smoothing and for 3 days after. The relative humidity of the substrate must be $<90\%$. Spread the screed using a steel trowel or a notched trowel. Spreading is continued without interruption until the entire area is levelled. When pumping, the maximum width of the pumped area is 10–12 m. The wider areas are divided using temporary dividers. When smoothing a wooden floor, the thickness of the screed should be approx. $1/3$ of the wood floor thickness.

Drying time:

The screed is ready for foot traffic in 2–4 hours when the room temperature is $+23$ °C. If necessary, the surface can be sanded 4–6 hours after levelling. The 20 mm screed layer can be covered in approx. 24 hours. The substrate's high moisture content and poor drying conditions increase the drying time. When installing the floor covering, the substrate humidity guidelines required by RYL and the coating manufacturer must be followed.

Movement joints:

At the structural movement joints of the substrate, the levelling layer is cut off using an angle grinder, for example, as soon as the screed surface is ready for foot traffic. The joints are filled with an elastic seam filler.

Coating

The levelled substrate corresponds to the requirements of the coating manufacturer for the smoothness and can be covered, for example, with ceramic and stone tiles, plastic or textile mats, vinyl tiles, cork, laminate, board parquet or water-soluble solvent-free epoxy paint (for example weberfloor 4736 Epoxy paint and paint priming with weberfloor 4712 Sealing epoxy – the suitability of other paints must be checked with the paint manufacturer). The substrate can be painted with water-soluble solvent-free acrylic paint (for example Teknospro Binder Plus + Teknofloor Aqua Pro – the suitability of other paints must be checked with the paint manufacturer). Protection against alkaline degradation is obtained with a minimum screed thickness of 5 mm.

A base of plywood is installed on the substrate under the parquet flooring or flexible MS polymer glues are used to glue them together according to the parquet manufacturer's instructions.

Disclaimer

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