

WEBER 3300 SMOOTH LEVELLING



- 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
- Certified EPD environmental product description
- The product is a declared item in the Supply Chain Declaration Portal (SCDP) for New Buildings generation 4.

ABOUT THIS PRODUCT

Enables fast covering, low-alkaline fiber-reinforced floor finish for virtually all coatings and substrates. Layer thickness 5-30 mm.

AREA OF USE

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

PRODUCT SPECIFICATION

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| Material consumption | approx. 1.7 kg/m ² /1 mm layer |
| Recommended layer thickness | 5-30 mm, with fiberglass mesh 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 covering | 24 h up to 20 mm, 48 h up to 30 mm (+23 °C, 50% RH) |
| Curing time for pedestrian traffic | 2-4 h (+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. |
| Adhesion strength 28 days | > 2.0 MPa (adhesion to concrete K30, EN 13813) |
| Compressive strength class | C 30 (EN 13813) (+23 °C, 50% RH) |
| Flexural strength class | F 7 (EN 13813) (+23 °C, 50% RH) |
| Shrinkage 28 days | < 0.4 mm/m (+23 °C, 50% RH) |
| Reaction to fire (for exposure situations) | A2 _{FL} -s1 (EN 13501-1) |
| Fire resistance classification | EI 15 requirements are met with a layer thickness of 25 mm and EI 30 requirements with a layer thickness of 35 mm. |
| Covering class (against ignition) | Can be used as a floor covering (protection against ignition) that replaces the K ₁₀ cover when the layer thickness is at least 25 mm and that replaces the K ₂₃₀ cover when the layer thickness is at least 35 mm. |
| Wear resistance to rolling wheel of screed material with floor coverings (RWFC) | RWFC 450. Can be used in offices. (EN 13813) |
| Durability | Water resistant (can be waterproofed) |
| The pH of the cured material | 10.5-11. Low alkaline. |
| Color | Grey |
| Storage conditions | Shelf life is approx. 12 months from the date of manufacture (unopened package, dry space) |
| Package | 20 kg sack |
| GTIN-codes | 6415910032173 (20 kg) |
| Certifications | CE, M1, ECI+, EPD, Key Flag Symbol |

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, weakens the strength of the screed surface and slows down the drying.

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.

Covering time:

The screed is ready for foot traffic in 2-4 hours when the room temperature is +23 °C and relative humidity 50%. If necessary, the surface can be sanded 4-6 hours after levelling. The 20 mm screed layer can be covered in approx. 24 hours. High moisture content of the substrate and poor drying conditions prolong the covering 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 STP adhesives are used to glue them together according to the parquet manufacturer's instructions.

Resin floors (PU, epoxy and acrylic-based). The suitability of the overlayment must be checked from the manufacturer. Weberfloor 4712 Sealing Epoxy should be used as a primer with acrylic-based products, unless otherwise instructed by the overlayment manufacture.

It is recommended to grind the screed surface before coating to remove any contaminants or other substances that weaken adhesion to the substrate.

DISCLAIMER

As there are different conditions at every opportunity, Weber can not be held responsible for anything other than the information provided under the heading "Product Specification". Examples of information and circumstances, which are outside Saint-Gobain (whether specifically stated or not) include storage, construction, processing, interoperability with other products, workmanship and local conditions.