PRODUCT DATASHEET

WEBER 5000 FLOOR SCREED

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

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

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 > 0.5 MPa and plasterboard. 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 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.

PRODUCT SPECIFICATION

Material consumption	approx. 1.8 kg/m²/1 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.
Adhesion strength 28 days	> 1.2 MPa (adhesion to concrete K30, EN 13813)
Compressive strength class	C 20 (EN 13813)
Flexural strength class	F 5 (EN 13813)
Shrinkage 28 days	< 0.5 mm/m (+23 °C, 50% RH)
Reaction to fire (for exposi-ve 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_2$10 cover when the layer thickness is at least 25 mm and that replaces the $K_2$30 cover when the layer thickness is at least 35 mm.
Wear resistance to rolling wheel of screed material with floor coverings (RWFC)	RWFC 250. Not in offices. (EN 13813)
Durability	Water resistant
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	6415910032555 (20 kg)
Certifications	CE, M1, EC1+, EPD, Key Flag Symbol

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%.

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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:
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 weber 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 weber 3100 Fine levelling. It is not recommended to paint the surface or to leave it uncoated!

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.

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