

# WEBER 3400 FINISHING SCREED



- Multipurpose (floors, walls, ceilings)
- Repairs and finishing levelling
- Very fast, can be coated after 2 hours
- Pasty, slippery, good workability
- No need for priming
- 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

Quick hardening and enables fast covering, fine cement-based finishing screed. Layer thickness 0-5 mm.

## AREA OF USE

Repair of holes and scratches before coating on interior cement-based substrates in homes, offices and public buildings. The screed can also be used to repair wall and ceiling cracks and holes, as well as interior staircases.

## SUBSTRATE

Suitable substrates are cement-based substrates with a tensile strength of > 0.5 MPa. There are separate instructions for treating the substrate, see weber MD 16 Primer product datasheet.

## MIXING

One sack (15 kg) of powder is mixed in 4.2 litres of clean water (28% of dry weight). If you want a looser screed the amount of water can be increased to approx. 4.5 litres (30%). It should be taken into account that the drying time is longer when more water is used. Mixing is carried out using a powerful drill whisk until the screed is

## PRODUCT SPECIFICATION

Material consumption	approx. 1.3 kg/m <sup>2</sup> /1 mm layer
Recommended layer thickness	0-5 mm
Recommended water content	4.2 l/15 kg (28% of dry weight)
Application temperature	+10...+25 °C. Optimal +15...+20 °C.
Curing time for covering	2 h (+23 °C, 50% RH)
Curing time for pedestrian traffic	45 min (+23 °C, 50% RH)
Binder	Special cement mixture
Filler	Limestone powder, grain size < 0.25 mm
Additive	Additives to improve adhesion and workability properties. Casein-free.
Adhesion strength 28 days	> 2.0 MPa (adhesion to concrete K30, EN 13813)
Compressive strength class	C 25 (EN 13813)
Flexural strength class	F 7 (EN 13813)
Shrinkage 28 days	< 0.5 mm/m (+23 °C, 50% RH)
Reaction to fire (for exposure situations)	A2 <sub>FL</sub> -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 <sub>10</sub> cover when the layer thickness is at least 25 mm and that replaces the K <sub>230</sub> cover when the layer thickness is at least 35 mm.
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
Storage conditions	Shelf life is approx. 12 months from the date of manufacture (unopened package, dry space)
Package	15 kg sack
GTIN-codes	6415910032197 (15 kg)
Certifications	CE, M1, ECI+, EPD, Key Flag Symbol

completely mixed. The normal working life is approx. 15 minutes after adding water. The temperature of the mass must be at least +10 °C. Excessive water causes separation, prolongs the drying time and lowers the strength of the surface layer, which means that 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 1 day after. The relative humidity of the substrate must be <90%. The screed is applied with a steel trowel. The screed can be scraped or possible trowel marks can be removed approx. 30 min after levelling. 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 approx. 45 min when the room temperature is +23 °C. 3400 Finishing screed is ready for coating approx. 2 hours after levelling when the drying conditions are normal (+23 °C, 50% RH). Thin layers of less than 2 mm can be coated as soon as the substrate can withstand the adhesive, provided the substrate moisture content is in accordance with the guidelines. High moisture content of the substrate and poor drying conditions prolong the covering time.

#### COATING

The levelled substrate can be 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. The levelled substrate can be waterproofed according to the Weber's Waterproofing work instructions 4 hours after smoothing when the drying conditions are normal (+23 °C, 50% RH). When installing the floor covering, the substrate humidity guidelines required by RYL and the coating manufacturer must be followed. The surface is not recommended for painting or used without a floor finish.

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.