Technical Data Sheet

weber.tec 932

Self-levelling and watertight floor compound

Self-levelling, water-impermeable and quick-setting floor compound for thicknesses 5 - 30 mm

Product profile

— waterproofing and levelling old basement floors
— fast floor renovation in a bonded system
— for height compensation 5 - 30 mm

Product advantages

— self-levelling & quick-setting
— water-impermeable, pressure-resistant and low-stress when hardening
— abrasion-resistant – ready for immediate use

Product description

weber.tec 932 is a factory-produced, cement-based, polymer-modified and quick-setting waterproofing floor levelling compound with self-levelling properties

Fields of application

weber.tec 932 is used for waterproofing and levelling interior floor surfaces, such as the renovation of old basement floors, as well as in private garages. Thanks to time-saving application and fast, low-stress setting it is ideal for it for renovation work under time pressure. Suitable for bonded floor renovation. The directly usable surface is suitable for light mechanical loads, such as typical residential use.

Product features

— compliant with the WTA tests for internal waterproofing systems (WTA = International Association for Science and Technology of Building Maintenance and Monuments Preservation)
— radon gas-tight in combination with **weber.tec Superflex D24**
— directly usable surface, abrasion resistance AR 2.0
— suitable as a bonded system
— for layer thicknesses 5 - 30 mm
— very cost-effective
— non-combustible, reaction to fire $A2_{fl}$-s_1

Consumption / yield

per mm layer thickness	approx. 1.6 kg/m²
1 tonne yields	approx. 510 litres of fresh mortar

Technical values

Compressive strength (28 days)	> 30 N/mm²
Flexural strength (28 days)	> 8 N/mm²
Water consumption (absolute)	6 l/25 kg
Application time	25 minutes
Application temperature air	5 - 30 °C
Application temperature substrate	10 - 25 °C
Layer thickness	5 - 30 mm
Flow Rate (with flow ring: 68 mm/ height 35 mm)	approx. 24 cm
Open to pedestrian traffic	≥ 3 - 5 hours
Open to light load after	approx. 24 hours

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Full load after	7 days
CE-marking	CT-30-F7-AR2
Reaction to fire (DIN EN 13501-1)	A2 fl-s1
Composition	special cements, mineral fillers, polymer resins, regulating additives

Storage

Shelf life	9 months
Storage conditions	Dry and protected from moisture.

Application

Surfaces

concrete, screed, mineral subsurface, cementitious substrate, brick

Surface preparation

— **weber.tec 932** is suitable exclusively for bonded constructions.
— The substrate must be clean, frost-free, load-bearing and dry on the surface at the time of applying the primer. Any non-bonded or adhesion-impairing particles or substances must be removed.
— The minimum tensile adhesion strength of the substrate is 0.5 N/mm².
— Any cracks present in the substrate must be structurally repaired before further treatment, e.g. by pouring the epoxy resin crack filler and primer **weber.prim 806** or by injecting the epoxy resin **weber.tec 945**.
— Before applying the waterproofing floor compound, the entire area must be carefully primed.
— Concrete and screed substrates: use the primer **weber.prim 932 P**, diluted with water in a ratio of 1 : 3 (primer : water). The primer must be applied thoroughly using a soft broom to full saturation without gaps. On highly absorbent surfaces, a second primer coat may be required. The waiting time before applying the waterproofing compound is approx. 1–4 hours, depending on room climate conditions.
— Brick substrate: primer with **weber.tec 941** undiluted. The primer must be applied evenly with a brush and worked in to full saturation. After drying (minimum waiting time: 15 hours), a second primer coat is applied. The waiting time before applying the waterproofing compound is at least 15 hours.
— The final surface quality is significantly influenced by the care taken during priming.
— The coating must be applied within 48 hours of priming.
— If waterproofing **weber.tec Superflex D 24** has already been applied to the substrate, no additional priming is required.

Application

Mixing:
— Add the specified amount of clean mixing water to a suitable container first. Then add the powder and mix thoroughly with an appropriate stirrer for at least 3 minutes, until a free-flowing and homogeneous mortar is obtained.
After a maturation time of 2 minutes, briefly stir again at low speed.
— The material is mixed with approx. 6 litres of water per 25-kg bag.

Mixing tools:
— A powerful electric drill with at least 600 rpm and a stirring paddle for levelling compounds, e.g. basket-type mixer.
— Tools should be cleaned with water while the material is still fresh.
— For efficient mixing and transport, we additionally recommend suitable mixing stations, such as the FloorMix 2300 from Eibenstock GmbH or the LevMix levelling compound mixer from Collomix GmbH.

Application:
— The number of lanes or working sections must be limited in order to ensure that the product can be mixed, levelled and smoothed within its pot life.
— The primer must have dried to a colourless film, and the specified primer drying times must be observed.
— Pour the mixed material quickly and evenly, starting from one wall side. Ensure that the material is poured from one lane to another without delay, using the 'wet-in-wet' method, so that it can flow together.
— After pouring, the surface must be levelled using a notched trowel, flat rake or smoothing trowel.
— For greater layer thicknesses (≥ 20 mm), it is recommended that the surface is de-aerated using the Weber Schwabbelstange

wobbling bar.
— On brick substrates, the minimum layer thickness is 15 mm.

Additional radon gas-tight design of the floor levelling system:

— Apply the 2-comp. reactive thick and quick-setting waterproofing coating **weber.tec Superflex D 24** in 2 layers, with a minimum total dry layer thickness of 4 mm. After complete drying, apply **weber.tec 932** without further priming. The minimum layer thickness of **weber.tec 932** in this system is 10 mm.

Post-treatment:

— Protect freshly installed surfaces from draughts, direct sunlight and exposure to heat.
— The substrate temperature must be at least 10°C throughout the application process and until the material is ready to be covered.
— Avoid using air dehumidifiers during the first 24 hours.
— During hardening, the relative humidity rate must not exceed 75%.

General notes

Before application, the external angles between the concrete slab and the basement walls should be rounded using **weber.tec 933**. Seal the entire transition area with **weber.tec Superflex D 24 / D 2** (overlap zone at least 20 cm).

If no rounding has been installed at the wall/floor connection, the vertical elements must be separated from the floor construction using the 8 mm thick, self-bonding acoustic insulation strip **weber.floor 4960**.

Before application, calculate the required levelling requirements. Determine the slope of the surface as well as all high and low points.

Minimum thickness of the levelling compound on all allowed substrates: ≥ 5 mm.

All existing movement joints in the substrate must be taken over.

In case of doubt regarding the application, substrate or special structural features, please request technical advice.

Do not add any foreign substances during mixing, pumping and application.

Use indoors only.

weber.tec 932 is subject to regular quality control through self-monitoring in accordance with DIN EN 13813.

Special notes

Before application, the water load acting on the substrate must be determined.

A water load > 0.1 bar must be excluded.

If necessary, additional measures may be required, such as the application of an interior waterproofing system to the entire wall, a damp-proof render system or a horizontal barrier against rising damp.

The relevant WTA guidelines in their current version must be observed.

When installing **weber.tec 932**, the professional guidelines for the application of floor levelling compounds must be observed.

Slight colour variations may occur once the surface has fully hardened.

When using vapour-retardant or vapour-tight floor coverings, such as ceramic tiles on top of **weber.tec 932**, **weber.tec Superflex D 24** must be applied prior to applying the self-levelling waterproofing compound.

Once the **weber.tec Superflex D 24** waterproofing has fully dried, **weber.tec 932** can be applied directly without additional priming.

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Packaging units

Type	Unit	PU
bag	25 kilogram	42 bags / palett
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