

weber.tec 933

Watertight mortar

Watertight, fast-setting, rounding or patching mortar

Product profile

- rounding or patching mortar
- carrier layer for reactive waterproofing systems (FPD / MDS) and PMBC
- for indoor and outdoor use

Product advantages

- fast-setting
- waterproof
- fibre-reinforced

Product description

weber.tec 933 is a shrinkage-compensated, mineral factory-mixed dry mortar. It is a watertight and non-capillary conductive rounding and patching mortar according to DIN 18533.

Fields of application

weber.tec 933 is used for rounding horizontal and vertical corners in floors/walls areas or at wall-to-wall angles. It can also be used to fill concrete or masonry defects and carry out surface levelling repairs. Additionally, **weber.tec 933** can be used to seal construction joints and butt joints in precast concrete elements. The product is suitable for both interior and exterior use and, once cured, can be overcoated with waterproofing materials such as polymer-modified bitumen coatings (PMBC), reactive waterproofing coatings (FPD) or cement-based waterproofing slurries.

Product features

- water pressure resistant up to 1.5 bar
- shrinkage-compensated
- high bonding strength
- extendable without a joint
- sulphate-resistant

Consumption / yield

as patching/levelling mortar per cm layer thickness	approx. 18.0 kg/m ²
as rounding mortar	approx. 3.0 kg/m

Technical values

Compressive strength (28 days)	> 25 N/mm ²
Density of powder	approx. 1.5 kg/dm ³
Flexural strength (7 days)	> 5 N/mm ²
Fresh mortar density	approx. 1.85 kg/dm ³
Tensile adhesion strength	1.8 N/mm ²
Water consumption (absolute)	2.5 - 3 l/25 kg
Layer thickness	2 - 10 mm
Application temperature	5 - 30 °C
Application time	approx. 15 minutes
Application tool	smoothing trowel, groove former weber.sys Hohlkehlenschlitten
Base color	grey
Delay between layers	approx. 1-2 hours (even at low temperatures)
Drying time	approx. 60 minutes

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Composition

cement, fibres, fillers, polymers

Storage

Shelf life

min. 12 months

Storage conditions

Store in dry, frost-free conditions in the original, unopened packaging.

Application

Surfaces

concrete, screed, mineral subsurface, cementitious substrate, brick, masonry

Surface preparation

- The substrate must be solid, load-bearing and free from contaminants as well as loose or dusty components; remove any laitance layer if necessary. Suitable substrates include concrete, cement screed, and masonry made of bricks or sandstones.
- Pre-wet up to saturation and let dry until dull-moist at the beginning of application.

Application

Mixing process:

- The contents of the container are mixed with the specified amount of water—depending on the desired consistency—into a lump-free mortar.
- The mixing time is at least 2 minutes (using **weber.sys Rührpaddel no. 2**).
- Add powder to water.
- The rounding is formed using the 'wet-in-wet' method with a slurry-like consistency of **weber.tec 933** bonding mortar. Use the **weber.sys Hohlkehlschlitten** to round out the applied material.

General notes

All the characteristics mentioned in this data sheet are given at a temperature of +23°C, in the absence of draughts, and with a relative humidity of 50%.

The application thickness must be limited to a maximum of 10 mm when used as patching/levelling mortar on main surfaces, and to a maximum of 50 mm when used as rounding mortar in rounding areas (external and internal angles between concrete floor slab and basement wall).

weber.tec 933 is subject to regular quality control.

Special notes

Do not mix with other substances during mixing and application.

Packaging units

Type	Unit	PU
bag	25 kilogram	42 bags / palett

The information in this technical information is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.

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