

Technical data sheet



Uses

- stipple / bonding coat for WTA damp-proof renders and waterproof renders
- for interior and exterior uses

Advantages

- optimal aggregate distribution
- high bonding strength
- easy application



Normal-setting stipple coat as bonding layer for damp-proof renders and mineral renders

Range of application

weber.san 950 is used as stipple coat / bonding layer prior to application of damp-proof renders (**weber.san 952, 953, 954** and **955 S**) within WTA renovation systems of damp masonries to improve the adhesion. It is applied with coverage of 50 - 70%.

If used underneath the waterproof render **weber.tec 934**, the coverage must be at least 70 %.

Moreover **weber.san 950** can be used on top of the mineral waterproofing slurries **weber.tec 930** (rigid grade) and **weber.tec Superflex D 2** (flexible grade) with 100 % coverage.

In general it can be also used for preparing the substrate prior to application of cement-based or lime-cement based renders as well as a bonding layer on concrete.

Description

weber.san 950 is a hydraulically-setting premix mortar in accordance with DIN EN 998-1 and the requirements in WTA guideline 2-9-04/D.

Composition

Cement, selected silica sands, largest aggregate size 3 mm, additives

Product features

- optimal-aggregate distribution
- easy application
- very high bonding strength
- provides rough key for next application of render

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- suitable for manual or machine application

Technical data

Layer thickness	3 – 6 mm
Application temperature	+ 5° C to + 25 °C (air and substrate)
Pot life	approx. 90 minutes
Bulk density	approx. 1.6 kg/dm ³
Density of fresh mortar	approx. 1.7 kg/dm ³
Compressive strength (28 days)	> 6 N/mm ²
Class of compressive strength	CS IV
Coefficient of resistance to water vapour (μ)	≤ 25
Water absorption	W0
Fire behaviour	A1
Clean-up	water (fresh product)

Quality control

weber.tec 950 is subject to a regular quality control via external monitoring and self-monitoring.

General instructions

- All characteristics mentioned in this data sheet are based on a temperature of + 23 °C without draught and a relative humidity rate of 50 %.
- Higher temperatures shorten, lower temperatures extend the setting time.
- Only corrosion-resistant lathwork and bracings are to be used for exterior wall surfaces, or for applying damp-proof renders.
- It must be protected from sunlight and draughts to avoid too quick drying.

Special instructions

- Do not mix with other building materials.
- Do not apply on gypsum-containing substrates
- For application comply with national standards or guidelines. If not issued, it is recommended to refer to the instructions in the WTA guideline ("Renovation systems with damp-proof renders", 2-9-04 as well as "Additional waterproofing of ground-contacting structural components", 4-6-05/D).

Substrate preparation

- The substrates must be stable, load-bearing, slightly damp and free of contaminants.
- All loose or sanding particles must be removed.
- If a renovation damp-proof render (**weber.san 952, 953, 954 and 955 S**) will be applied, old plasters and paint coats must be removed down to the load-bearing substrate.
- Replace or supplement damaged masonry.
- Scrape brittle masonry joints to a depth of approx. 2 cm and clean the whole surface mechanically. If a damp-proof render will be applied, the masonry joint network will be filled with the render. If a waterproofing is foreseen, all the masonry joints must be filled with the watertight mortar **weber.tec 933** in advance.

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- The substrate preparation must be done at least 0.8 m beyond the limit of moisture damages; for tailing inner walls or vault ceilings prepare the surface at least 1 m in width, measured from the exterior wall.
- The substrate preparation must be adapted to the specific job site conditions.

Working instructions

Mixing

- Mix the bag content with the specified amount of water until lump-free. Use an electric drill and the stirrer **weber.sys Rührpaddel no. 2**.
- Mixing time approx. 2 minutes.

Application

- Apply in accordance with the specified surface coverage on the substrate either net-like with hawk trowel, open hopper spray, spray gun or as slurry coat with steel broom or brush. A thickness of 3 up to 6 mm should be achieved.
- Before applying a damp-proof render (**weber.san 952, 953, 954** or **955 S**) or a waterproof render (**weber.tec 934**), a delay of approx. 1 - 2 days is necessary.
- For application on waterproofing slurries, such as **weber.tec Superflex D 2** or **weber.tec 930** we recommend the quick-setting stipple coat **weber.san 951 S** to be applied full-surface on the thoroughly dried or hardened waterproofing coat.

Consumption

- Up to 50 % surface coverage: approx. 3.5 kg/m²
- Up to 70 % surface coverage: approx. 5.0 kg/m²
- Full coverage: approx. 7.0 kg/m²

Packaging

Sales unit

Quantity/euro-pallet

Paper bag

25 kg

42 bags

Product details

Colour

cement grey

Tools

electric drill, stirrer **weber.sys Rührpaddel no. 2**, steel broom, brush, hawk trowel, open hopper spray, spray gun

Water dosage

5 liters per 25 kg bag

Storage

the product can be stored min. 12 months in its original unopened packaging, if kept dry.

Notes

The correct and hence successful application of our products is not within our control. A guarantee can therefore only be accepted for the quality of our products within the framework of our sale and supply conditions but not for their successful use.

Observe the safety precautions for protection of health and prevention of accidents given in the safety data sheet and on the label of the packaging.

This data sheet supersedes all earlier technical data on this product. Information supplied by our employees and/or distributors going beyond the scope of this data sheet must be confirmed in writing.

We reserve the right to make changes representing technical progress.

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