

weber.prim 900

Universal primer

Primer for cement-based waterproofing compounds for pre-treatment on mineral substrates



Product profile

- on absorbent surfaces under cement-based waterproofing, such as **weber.tec Superflex D 24** and **weber.tec Superflex D 2**
- for indoor and outdoor use
- for walls and floors

Product advantages

- ready-to-use
- easy application by brush or roller
- EMICODE EC 1^{PLUS}; very low emission

Product description

weber.prim 900 is a one-component and solvent-free primer.

Fields of application

weber.prim 900 is an alkali-resistant, unsaponifiable primer with dust-binding and water-repellent properties. It is used to pre-treat absorbent substrates, providing an ideal surface for the subsequent application of cement-based waterproofing systems. **weber.prim 900** is suitable for priming cellular concrete, mineral renders/plasters, fibre-cement boards, concrete, masonry and cement screeds. It improves the bonding strength of subsequently applied systems, such as **weber.tec Superflex D 24** or **weber.tec Superflex D 2**.

Product features

- improves the bonding strength of products to substrates
- alkali-resistant
- solvent-free

Consumption / yield

depending on substrate

approx. 150-250 ml/m²

Technical values

Application tool	paint brush, block brush, roller or airless sprayer, suitable spraying device
Application temperature (air)	min. 3 °C
Application temperature (surface)	min. 3 °C
Drying time after	0.25 - 12 hours
Density	1.01 kg/l
Water vapour diffusion resistance coefficient	1,800
Composition	plastic dispersion

Storage

Shelf life	min. 12 months
Storage conditions	The product can be stored for at least 12 months in the original, unopened container, provided it is kept cool and frost-free.

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Application

Surfaces

concrete, screed, cementitious substrate, mineral subsurface, masonry, brick, lime-sand brick, aerated concrete

Surface preparation

- The substrates must be sufficiently load-bearing and free from dust, oil, grease and any other substances that could impair adhesion. They must also be dry and dimensionally stable. Any loose or flaking mortar residues and coatings must be carefully removed.
- Flaking mortar and paint residues, lime-based paints, chalking slurry coatings and loose particles must be removed and the surfaces thoroughly de-dusted. Lime-based paints and low-strength dispersion coatings must be washed off and left to dry completely before further treatment.
- All necessary substrate pre-treatments must be adapted to the specific conditions of the construction site.

Application

- **weber.prim 900** is ready for use or can be diluted with water at a maximum ratio of 1:1 (by volume), depending on the porosity of the substrate.
- On highly absorbent substrates, two coats are required.
- Application must be carried out evenly and to full saturation using suitable tools such as a block brush, roller, paintbrush or spraying device. Avoid the formation of puddles.
- Drying status must be checked by means of a scratch or wetting test. Once sufficiently dry, subsequent work can be started. Further application should take place within 2 days.
- Clean tools immediately after use with water.
- Once the material has hardened, tools must be cleaned using **weber.sys 992**.

General notes

All the characteristics mentioned in this data sheet are based on an ambient temperature of 23 °C, with no draughts, and a relative humidity of 50%.

Higher temperatures and lower humidity speed up the drying process, while lower temperatures and higher humidity slow it down.

Water-soluble contaminants on the substrates must be removed without exception.

Freshly applied primer must be protected from contamination and moisture.

weber.prim 900 is subject to regular internal quality control through self-monitoring.

Special notes

Application outdoors must not take place in rainy conditions or if rain is expected.

Under dry and warm weather conditions, **weber.prim 900** can be recoated after approximately 15 minutes. In damp weather and/or at low temperatures, a correspondingly longer drying time is required.

Packaging units

Type	Unit	PU
can	5 litre	90 canisters / palett
can	10 litre	60 canisters / palett
drum	205 litre	2 barrels / 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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