

weber.prim 804

1-comp. quick-drying multi-use primer

Quick-drying multi-use primer for absorbent and non-absorbent substrates indoors + outdoors

Fields of application

As special primer and bonding promoting agent for absorbent and non-absorbent surfaces on walls and floors in indoor and outdoor areas.

Particularly well-suited for the subsequent laying of large size tiles and slabs on moisture-sensitive substrates, like calcium-sulphate screeds and other gypsum-containing substrates thanks to its high resistance to moisture.

Suitable for the pre-treatment of almost all substrates that are intended to accommodate tile adhesives and natural stones: old tiles, concrete, lightweight concrete, cement screeds, calcium sulphate screeds, cement renders, lime-cement renders, gypsum plasters, gypsum plasterboards, gypsum fiberboards, aerated concrete, timber planks, OSB boards, chipboards, watertight residues of old floor covering glues and on smooth, poorly sanded mastic asphalt screeds.

For use indoors and outdoors.

Description

weber.prim 804 is a 1-component, solvent-free primer and bonding promoting agent.

Composition

Polymer dispersion, mineral fillers, additives

Main features

- **EMICODE EC 1 PLUS**: very low emission of volatile substances
- particularly suited as water protection for moisture-sensitive substrates
- quick drying: rapid start of follow-up works
- ready-to-use
- alkali-resistant
- high bonding strength with subsequent products on smooth and dense substrates
- very easy application with roller or brush

Technical Data Sheet



- produces a non-skid surface
- high yield
- for use indoors and outdoors
- suitable for walls, floors and ceilings

Technical values

Drying time:	approx. 130 - 120 minutes
Dry residue:	approx. 62 %
Application temperature:	+5°C - +30°C
Density:	approx. 1.35 g/cm ³

Quality control

weber.prim 804 is subject to a regular quality control by self-monitoring.

General notes

- 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 and lower humidity rates accelerate, lower temperatures and higher humidity rates delay the drying process.
 - Remove water-soluble residues of old floor covering glues at all costs.
 - Protect the freshly applied primer from dirt and moisture.
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Special notes

- **Limits of use:** do not use **weber.prim 804** in areas permanently under water.
 - For outdoors and wet-duty areas, use only in combination with a suitable waterproofing, for ex. the 2-comp. reactive waterproofing slurry **weber.tec Superflex D 2** or the 2-comp. waterproofing, tile adhesive and de-coupling system **weber.xerm 844**; both are applied as bonded systems.
 - The primer does not replace the use of a waterproofing compound.
 - Use a cement-based tile adhesive, like **weber.xerm 859 F** (temperature-independent setting flexible adhesive) or **xerm 861** (multi-use flexible tile adhesive) for large-size tiles (length up to 120 cm) on calcium sulphate screeds.
 - Observe the **application tip** "Application chart of **weber.plan 813**".
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Substrate preparation

- The substrate must be sufficiently load-bearing, dust-free, dry, free of oil and grease, dimensionally stable, and free of all adhesion-impairing particles and substances.
- Remove loose or flaking mortar and paint residues as well as lime paints and chalky coats.
- Calcium-sulphate screeds: grind (unless otherwise recommended by the manufacturer) and vacuum off dust prior to application.
- Check the covering maturity of the substrate before the flooring works begin.
- The substrate preparation must be adapted to the specific job site conditions.

Working instructions

- Stir **weber.prim 804** thoroughly before use, using an appropriate stirrer.
- Apply the primer undiluted with a deck brush, a paintbrush or a lambskin roller, full-cover in cross-motions and uniformly; avoid puddle formation.
- After drying apply a second coat on moisture-sensitive substrates in order to obtain an optimal protection.
- Once the primer has dried to a solid film (approx. 1 hour or after it is open to foot traffic) depending on temperature and humidity, subsequent works can begin.
- In case of absorbent cement-based substrates the primer can be used diluted with water in a ratio of 1 : 3 parts by volume.
- Clean tools with water (fresh product). Hardened material can only be removed with the thinner **weber.sys 992**.

Practical information

Colour:
white

Tools:
Stirrer, deck brush, paintbrush, lambskin roller

Storage:
The product can be stored at least 12 months in its original unopened packaging, if kept dry, cool and frost-free. Frost will destroy the product. After thawing it is not allowed to use it.

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Consumption

approx. 150 - 200 g/m², depending on application and substrate porosity

Packagings

Type	Sales unit	Number / euro-pallet
Plastic bucket	5 kg	60 buckets

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