

## weber.ton 411 AquaBalance

Silicone resin paint, outdoors and indoors

Hydrophilic silicone resin façade paint without biocidal film preservation.  
Also suitable for interior use.



### Product profile

- excellent and long-term protection against algae and fungi
- for several mineral and organic substrates
- for indoor and outdoor use

### Product advantages

- without biocidal film preservation
- surface-active, controlled hydrophilic and highly permeable to water vapour
- easy application

### Product description

**weber.ton 411 AquaBalance** is a factory-produced, ready-to-use facade paint based on silicone resin.

### Fields of application

**weber.ton 411 AquaBalance** is a high-quality silicone resin façade paint with a high silicone resin binder content, providing excellent and long-lasting protection against algae and fungi. It is suitable for repainting mineral base coats, as well as silicate, silicone, synthetic resin and polymer renders or coatings, for interior and exterior applications.

### Product features

- without biocidal film preservation
- surface-active, controlled hydrophilic and highly permeable to water vapour
- easy application
- excellent covering capacity
- resistant to dirt
- solvent-free

### Consumption / yield

per coat	approx. 0.2 l/m <sup>2</sup>	approx. 75.0 m <sup>2</sup> /15 litres
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### Technical values

Water vapour diffusion stream density (EN 7783-2)	150 g/m <sup>2</sup> d
Water vapour diffusion-equivalent air layer thickness (sd) (EN ISO 7738-2)	0.14 m
Gloss [G] (DIN EN 13300)	matt = < 10 (Measuring angle 85°)
Dry film thickness e (DIN EN 1062-1)	E <sub>3</sub> (> 100 µm / ≤ 200 µm)
Water vapour diffusion stream density (EN 1062-1)	V <sub>1</sub>
Grain size (DIN EN 13300)	S <sub>1</sub> delicate < 100 µm
Density	1.3 - 1.5 g/cm <sup>3</sup>
Color shades	colours according to Weber colour chart
Base color	white (200.3)
Composition	silicone resin, organic binders, additives for better workability and adhesion to the substrate, high-quality pigments, without conventional biocidal façade preservation (film preservation)

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### Storage

Shelf life	min. 12 months
Storage conditions	The product can be stored for at least 12 months in its original, unopened packaging if it is kept dry and protected from frost and direct sunlight (+5 to +30°C). Frost destroys the product. Once thawed, it is not allowed to be used. The product can be stored for at least 12 months in its original, unopened packaging, protected from frost and direct sunlight (+5 to +30°C).

### Application

#### Surfaces

plaster, mineral subsurface

#### Surface preparation

- The surface must be load-bearing, dry, clean, and free from loose particles. Existing substrates should be thoroughly cleaned by careful washing.
- Substrates that are old, have a high porosity or have been slightly sanded must be stabilised with the solvent-free and deep-penetrating primer **weber.prim 400**.
- Do not paint over freshly applied renders until after approximately 14 days. Depending on weather conditions, this period may be shorter or longer.
- Freshly applied mineral renders should be primed with the silicate fixative **weber.prim 406**.

#### Application

- Protect all areas that should not be painted.
- Using an electric drill and an appropriate stirrer, stir the contents of the packaging well. Adjust the consistency according to the substrate:
  - Intermediate coat: add a maximum of 10% clean water.
  - Top coat: add a maximum of 5% clean water.
- Respect the drying time of at least 12 hours between applying the intermediate and top coats.
- Only use high-quality painting tools for application: a brush, paintbrush or a padded lambskin roller with a high pile.
- Work without interruption and “wet-in-wet” when applying the top coats to avoid breaks between working sections.
- Always paint delimited façade surfaces in one continuous work process without interruption.

### General notes

In case of repair works on old renders/plasters, ensure that the repaired surfaces match the original render/plaster in terms of structure, hardness and porosity. This will help to avoid shading and colour deviations once the painting work is complete.

The consumption figures mentioned in this document refer to the minimum thickness of the render layer. Due to variations in substrates and application methods, the actual consumption may differ. Exact consumption must be determined on a mock-up of the job site (trial area).

Application and execution in accordance with DIN 18 363 and DIN V 18 350 VOB, Part C.

If possible, order the whole material for the building site in one go. If you have buckets of material from different batches, mix them together.

During application and drying, the temperature of the air, the material itself and the substrate must always be above 5 °C, and the humidity level must be below 80%.

**weber.ton 411 AquaBalance** is subject to regular quality control through self-monitoring.

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### Special notes

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**weber.ton 411 AquaBalance**, with its balanced moisture management, provides very high and long-lasting protection against algae and fungal growth. This protection is ensured only if the instructions in this technical data sheet are followed.

**weber.ton 411 AquaBalance** is a system coating for both new and old AquaBalance renders. For the renovation of other surfaces, we recommend using **weber.ton reno AquaBalance**.

A permanent high humidity level and dirt deposits (for example, in cases of application on socket areas of facades), faulty drainage, and planting trees close to buildings can promote the formation of algae and fungi.

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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