

weber.top 206 AquaBalance

Mineral extra white scratch top render

Mineral extra white top scratch render with marble grains and mica, biocide-free



Product profile

- excellent, long-term protection against algae and fungi
- as finish top coat on the insulating render **weber.therm** and **weber.therm** ETICS
- as an overlay render (top coat) on **weber.dur** underlay renders (base coat)

Product advantages

- Without biocides, without film preservation
- hydrophilic surface with balanced moisture management, preventing the formation of algae and fungi
- extra white appearance

Product description

weber.top 206 AquaBalance is a factory-mixed, mineral dry mortar according to DIN EN 998-1.

Fields of application

weber.top 206 AquaBalance is used as an overlay render (top coat) for indoors and outdoors on **weber.dur** underlay renders (base coat), as finish top coat on the insulating render **weber.therm** and **weber.therm** ETICS (external thermal insulation composite systems).

Product features

- without biocides, without film preservation
- hydrophilic surface with balanced moisture management, preventing the formation of algae and fungi
- creates a healthy living climate through optimal water vapour permeability
- high protection against driving rain (exposure class III with rainfall over 800 mm according to DIN 4108)
- self-cleaning effect
- extra white appearance
- appealing and harmonious scratched texture
- for mechanical and manual application

Consumption / yield

3 mm grain size	approx. 21.0 kg/m ²	approx. 1.2 m ² /25 kg
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Technical values

Grain sizes	3 mm
Layer Thickness	10 mm + grain size
water permeability rate w (DIN EN 1062-3)	< 0.5 kg/m ² ·v/h
Water vapour diffusion-equivalent air layer thickness (sd) (EN ISO 7738-2)	< 0.1 m
Class of capillary water absorption	W1
Maximum water absorption	650 g/m ²
Drying at +20°C/65% r.h. within 18 hour	450 g/m ²
Compressive strength	≥ 1 N/mm ²
Strength class	CS I
Mortar Group (DIN 18550)	PII

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Reaction to fire[nach EN13501-1]	A1
Base color	white (Diamond 0020)
Composition	white cement, white hydrated lime, graded mineral aggregates, mica, lime-, cement- and lightfast pigments, hydrophobing agents, additives for better workability and adhesion to the base coat
Water consumption (absolute)	4.6 l/25 kg
Wasserdampfdiffusionswiderstandszahl μ	≤ 20

Storage

Shelf life	min. 12 months
Storage conditions	In the original unopened packaging, dry and protected from moisture.

Application

Surface preparation

- The surface must be load-bearing, dry and free from dust and all adhesion-impairing particles and substances.
- The base coat (underlay render) must be roughened sufficiently.
- Depending on the weather conditions, pre-wet the base coat.
- Respect the drying time of the prevailing base coat before the next applications.

Application

- During application and drying, the temperature of the air, the used materials and the surface must not fall below + 5° C.
- Do not add any foreign substances during mixing and application.

Mechanical application:

The mortar can be applied with all conventional render machines.

Manual application:

Mix the contents of the bag thoroughly with the specified amount of water until lump-free to achieve a consistency suitable for application.

- Spray/apply the mortar onto the prepared substrate in a thickness of 10 mm + grain size from the top of the facade in a downward direction.
- Work “wet-in-wet” between each scaffolding level to avoid transition areas between each level.
- Rule level with a notched aluminium lath (plasterer’s darby) to remove trapped air bubbles.
- Wait for a sufficient hardening of the render before scratching works can begin. For scratching use a nail float in similar round motions. After scratching works, the final render thickness should be approx. 10 mm. Sweep the scratched surface with a soft broom or a soft-bristle brush from the top of the facade in direction downward.

General notes

Freshly rendered surfaces must be protected from direct sunlight, strong winds and moisture.

Application and execution in accordance with DIN 18 350 VOB/C and DIN 18 550.

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).

Adjacent building parts must be separated from the built-in render system.

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Occupational safety and environmental protection:

Health and environmental protection are always our top priorities. Therefore, please observe the following instructions:

- Avoid eye and skin contact by wearing suitable protective clothing (safety goggles and gloves).
- Wear long trousers.
- If contact with the eyes or skin nevertheless occurs, rinse thoroughly the affected area with water immediately and consult a doctor if necessary.
- The longer fresh render remains on your skin, the greater the risk of serious skin damage.
- Ensure thorough ventilation during and after application and drying.
- Avoid eating, drinking or smoking while applying the product.
- Keep it out of the reach of children and keep children away from fresh render.
- Use a combination filter A2/P2 for spray mist.
- Do not pour the product or its residues into bodies of water, drains or onto the ground.
- Only dispose of containers once they are completely empty for recycling.
- Clean tools immediately after use with soap and water.
- Material residues can be mixed with water and disposed of as construction site waste once hardened.
- Always follow the manufacturer's health and safety instructions during the application.

weber.top 206 AquaBalance is subject to regular quality control through external monitoring and self-monitoring in accordance with DIN EN 998-1

Special notes

After drying, the render/plaster colour might vary due to natural deviations of raw materials, as well as the texture of the render/plaster due to application and drying conditions. For the same reasons, the colour of render/plaster may differ from the dry **Weber** sample or colour chart. Such colour variations cannot be considered quality loss or grounds for a justified claim.

If possible, order the whole material for the job site at the same time. Packages with different batch numbers must be mixed together.

weber.top 206 AquaBalance has an optimized moisture management and offers a very high and durable protection against algae and fungi.

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.