Technical Data Sheet

weber.pas 434

Coloured stone plaster / render

Hydrophilic, pasty (wet) organic top coat with decorative grain-to-grain texture, biocide-free

Fields of application

As natural stone plaster/render (top coat) for indoors and outdoors on **weber.dur** underlay renders (base coat), mainly in corridors, entrance halls, staircases and hall stairs.
Also suitable as a finish top coat on facade socket areas on **weber.therm** Etics (external thermal insulation composite systems).
For use indoors and outdoors.

Description

weber.pas 434 is a factory-mixed, weather-resistant, highly water-repellent and ready-to-use coloured stone plaster/render in pasty (wet) form according to EN 15824. Its final appearance is a floated finish with exposed aggregate for a natural stone aesthetic.

Composition

Organic binders, natural stones, additives for better workability and adhesion to base coat (under-layer render)

Main features

- highly water repellent
- resistant to splash water
- resistant to high mechanical loads
- extremely impact-resistant
- very good adhesion to all substrates
- highly elastic
- solvent-free
- coloured and granular floated finish
- for use indoors and outdoors

Technical values

Water permeability rate (EN 1062-3):	< 0.5 kg/m². √h
Water permeability (EN 15824):	W_2
Water vapour diffusion stream density (EN 1062-1):	V_2
Water vapour diffusion stream density (EN 7783-2):	15 - 150 g/m². d (= per day)
Bonding strength:	≥ 0.3 MPa
Class of reaction to fire (EN 13501-1):	A 2-s1, d0 (non-combustible)

Quality control

weber.pas 434 is subject to a regular quality control by external monitoring and self-monitoring according to DIN 18558.

General notes

- During application and drying, the temperature of air, materials and substrate must always be above +8°C and the relative humidity rate must be below 80 %.
- Protect fresh render surfaces from direct sunlight, strong winds or moisture.
- Comply with the national guidelines and/or standards (for ex. DIN 18550); if not issued and if necessary, request technical advice.
- The consumption figures mentioned in this document refer to the minimum layer thickness of the render. Due to specific substrates and application variations the consumption might vary. Exact consumption must be determined on a job site mock-up (trial area).
- Adjacent building parts must be separated from the built-in render system.

Special notes

- After drying the render colour might vary due to natural deviations of raw materials, render structure as well as application and drying conditions. For the same reasons the render colour might deviate from the **Weber** dry sample or colour chart. Colour variations cannot be considered as quality loss or as justified claim.
- If possible, order the whole material quantity for the building site in one. If any buckets with different batch numbers, mix them with one another.
- Only use stainless steel tools.

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- The drying times are about 3 days under normal conditions (+20°C/65% relative humidity rate); lower temperatures and higher humidity rates prolong this time.
- The product may become temporarily cloudy when exposed to moisture, until it has hardened completely (possibly several weeks); the turbidity disappears after full drying.

Substrate preparation

- The substrate must be load-bearing, dry, clean and free of all loose particles.
- Carefully clean old underlay renders.
- Rule the base coat (underlay render) level.
- The universal primer **weber.prim 400**; its colour must match the colour of **weber.pas 434** (refer to the chart herebelow).
- Respect the drying time of the prevailing base coat prior to next applications.
- Apply the universal primer **weber.prim 403**; its colour must match the colour of **weber.pas 434** (refer to the chart herebelow).
- The substrate preparation must be adapted to the specific job site conditions.

Recommended colours **weber.prim 403** (according to the **Weber** colour chart)			
BP 1010	30235	BP 3010	30082
BP 1020	30235	BP 3020	30083
BP 1030	30236	BP 3030	30182
BP 1040	30235	BP 3040	30182
BP 2010	30162	BP 4010	30026
BP 2020	30162	BP 4020	30216
BP 2030	30162	BP 4030	30216
BP 2040	30206	BP 4040	30216

Working instructions

- Stir well with a slow-speed electric drill and stainless steel stirrer before use. If necessary, add some water to achieve best consistency. Do not use high-speed drills in order to avoid entrapped air.
- Do not add any foreign substances during mixing and application.
- Apply **weber.pas 434** in a 3 - 4 mm thickness onto the prepared/primed substrate and strike off with a stainless steel smoothing trowel. Do not wisk!

- Without delay smooth with a stainless steel smoothing trowel uniformly in one direction (vertical or horizontal, depending on the incidence of light) so that the grains are close to one another.
- Respect following recommendations in order to avoid differences in colour as well as tool marks on the render coat and breaks etc. between working sections: do not use different tools, work “wet-in-wet” and do not smooth already stiffened render surfaces to avoid differences in the visual appearance.

Practical information

Grain size:
2.0 mm

Colours:
16 colours according to the **Weber** colour chart

Application thickness:
3.0 mm - 4.5 mm

Tools:
Electric drill + stirrer, stainless steel smoothing trowel

Storage:
The product can be stored at least 12 months in its original unopened packaging, if kept protected from direct sunlight and frost-free (at temperatures between +5°C and +30°C).

Consumption / yield

2.0 mm grain size:	approx. 4.5 kg/m²	approx. 5.5 m² / 25 kg

Packagings

Type	Sales unit	Number / euro-pallet
Plastic bucket	25 kg	24 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.

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