

weber.dur 111

Lime-cement plaster

Mineral dry mortar as a base coat or base coat and top coat



Product profile

- for mechanical and manual application
- for new and old rendering substrates
- for indoor use

Product advantages

- resistant to impact
- open to water vapour diffusion
- easy application

Product description

weber.dur 111 is a factory-mixed, mineral dry mortar according to DIN EN 998-1.

Fields of application

weber.dur 111 is used indoors on masonries in accordance with DIN 1053. As a mineral base coat, compatible with all mineral and organic overlay renders (finish top coats) and all **Weber** paints. Furthermore, as an interior base coat plaster under ceramic wall tiles and slabs.

Product features

- easy application
- open to water vapour diffusion
- very resistant to impact

Consumption / yield

at 15 mm thickness	approx. 19.0 kg/m ²	approx. 1.6 m ² /30 kg
Fresh mortar yield	approx. 750 l/tonne	

Technical values

Grain sizes	approx. 1 mm
Layer thickness	10 - 15 mm
Water demand	approx. 6.5 l/30 kg
Flexural strength (28 days)	≥ 0.7 N/mm ²
Solid mortar density	approx. 1,500 kg/m ³
Water vapour diffusion resistance [μ]	≤ 25
Class of capillary water absorption	WO
Reaction to fire [EN13501-1]	A1
Strength class	CS II
Mortar group (DIN 18550)	PII
Base color	natural grey
Application tool	render machine, smoothing trowel, notched trowel, broom, stainless steel plaster robot (Rabo-Speed), sponge float
Composition	cement, white hydrated lime, graded mineral aggregates, additives for better workability and adhesion to substrate

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Storage

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

Application

Surface preparation

- The substrate must be load-bearing, clean, dry, free of dust and all adhesion-impairing particles and substances.
- Masonries must be stippled coated with cement stipple coat **weber.dur 100**.
- Dense surfaces (e.g. concrete) require pre-treatment with the mineral bonding mortar **weber.dur 101** as a grooved levelling compound.
- Observe the drying time of the pre-said products before the next applications.
- The substrate table must be observed for special building materials.
- The evenness of the substrate must comply with the allowed tolerances (variations) defined by the national standards and/or guidelines (e.g. deviations from DIN 1053 "Masonries" or DIN 18 202 "Tolerances in building construction"). If necessary, take the appropriate remedial measures to level the substrate. If in doubt, request technical advice.
- For the flush and vertical alignment of connections and terminations, fix the render profiles using the profile bonding and installation mortar **weber.mix 125**.

Application

Mechanical application:

The plaster can be applied with all conventional plastering machines.

Manual application:

Thoroughly mix the bag content with the specified amount of water to obtain a consistency suitable for application.

- Apply the mortar to the specified thickness (approx. 10 mm).
- Level the freshly applied plaster mortar using a straightedge to ensure it is plumb and free of voids.
- Finish the surface of the base coat according to the intended further coating.
- As an interior inlay plaster: Apply 3-4 mm the next day and, after initial setting, rub down or sponge-float the surface.

General notes

Do not add any foreign substances when mixing or applying the product.

The air temperature, the used materials and the surface must not fall below +5 °C during application and drying.

Freshly applied coating surfaces must be protected from direct sunlight, strong wind, and moisture exposure during the curing phase.

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.

Remove the sintered layer before applying further layers.

weber.dur 111 is subject to regular quality control through self-monitoring in accordance with DIN EN 998-1.

Special notes

The mortar is not suitable for soft, highly insulating masonries. **weber.dur 111** can be used on aerated concrete blocks from strength class PP4 upwards.

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The product is not water-repellent and therefore not suitable for outdoor use.

Packaging units

Type	Unit	PU
sack	30 kilogram	42 sacks / palett
silo		

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.

Registered office: maxit west GmbH | Paul-Mathis-Str. 1 | 79291 Merdingen
Contact: info@weber-maxit.de | www.weber-maxit.de
Commercial register: AG Freiburg im Breisgau HRB 733505 | VAT no.: DE455990071