

## weber.dur 132 SLK

Lime-cement lightweight render

Mineral lightweight render with optimised setting and scratch properties and round EPS fillers as base coat, interior base coat or base coat and top coat



### Product profile

- for mechanical and manual application
- for use on all mineral substrates and all highly heat-insulating wall building elements
- for indoor and outdoor use

### Product advantages

- high yield
- enables quick finishing works
- shorter and uniform setting time

### Product description

**weber.dur 132 SLK** is a factory-produced, mineral dry mortar according to DIN EN 998-1.

### Fields of application

**weber.dur 132 SLK** is a base coat render for use indoors and outdoors on masonry, in accordance with DIN 1053, and is particularly suited to highly heat-insulating masonry. It can be used with all mineral and organic overlay renders from **Weber**, as well as with base coat renders under ceramic wall tiles and slabs. For less demanding requirements, it can also be coated with solvent-free interior paints.

### Product features

- water-repellent
- open to water vapour diffusion
- very low tension thanks to its low dynamic modulus of elasticity
- best fitted for highly heat-insulating masonry due to its low bulk density and low thermal conductivity
- regular and quick-setting behaviour on almost all surfaces, allowing scratching works with grid float after only approx. 2 hours

### Consumption / yield

at 15 mm thickness	approx. 16.0 kg/m <sup>2</sup>	approx. 1.9 m <sup>2</sup> /30 kg
Fresh mortar yield	approx. 950 l/tonne	

### Technical values

Grain sizes	approx. 1 mm
Layer thickness	10 - 20 mm
Water demand	approx. 8.5 l/30 kg
Flexural strength (28 days)	≥ 1 N/mm <sup>2</sup>
Solid mortar density	< 1,200 kg/m <sup>3</sup>
Water vapour diffusion resistance [μ]	≤ 20
Dynamic modulus of elasticity	< 3,500 N/mm <sup>2</sup>
Thermal conductivity λ	≤ 0.51 W/mK
Class of capillary water absorption	W2
Reaction to fire [EN13501-1]	A1
Strength class	CS II
Mortar group (DIN 18550)	PII
Base color	natural grey

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### Lime-cement lightweight render

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, round polystyrene fillers, hydrophobing agents, additives for better workability and adhesion to substrate

### Storage

Shelf life	min. 3 months
Storage conditions	In the original unopened packaging, dry and protected from moisture.

### Application

#### Surface preparation

- The substrate must be clean and load-bearing, and free from any substances that could impair adhesion.
- Low-porosity substrates (e.g. concrete) require pre-treatment with the mineral bonding layer **weber.dur 101** or **weber.therm 370** as a grooved levelling compound.
- Observe the drying time after render primer pre-treatment.
- For special construction materials, the substrate compatibility table must be observed
- 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 mortar can be applied using all conventional rendering machines.

##### Manual application:

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

- Apply the mortar to the appropriate thickness (approx. 10-20 mm).
- In the case of high-porosity substrates and/or differently absorbent substrates (mixed masonries): two coats must be applied "wet-in-wet". The application thickness of the first coat should be 2/3 of the total render thickness.
- Level the freshly applied render mortar using a straightedge, ensuring it is plumb and free of voids.
- Prepare the surface of the base coat render according to the requirements of the intended subsequent coating.
- For use as a reinforced base coat render in interior applications: 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.

## weber.dur 132 SLK

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Remove the sintered layer before applying further layers.

**weber.dur 132 SLK** is subject to regular quality control through self-monitoring in accordance with DIN EN 998-1.

### Special notes

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weber.dur 132 SLK ist im Innenbereich als Verlegegrund für Fliesen und Platten bis zu einem Gesamtgewicht aus Dünnbettmörtel und Fliesen von 35 kg/m<sup>2</sup> geeignet

Before laying tiles and slabs in exterior areas, a layer of bonding and reinforcing mortar of **weber.therm 300** or **weber.therm 301** with a woven reinforcement mesh **weber.therm 310** must be applied to the entire surface of the levelled render.

If gypsum or gypsum-containing materials have previously been applied using a machine, the rendering machine, hoses and dry conveying system must be thoroughly cleaned before using **weber.dur 132 SLK**.

Do not leave mortar hoses in the sun.

The application process must not be interrupted for more than 20 minutes.

**weber.dur 132 SLK** can be coated with thin-layer overlay renders from the **weber.star** product range after a drying time of ½ day per mm of application thickness under favourable weather and hardening conditions.

### Packaging units

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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.

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