

weber.dur 141

Multi-use slot and backfilling mortar

For a wide range of applications in the repair and shell construction sector, as well as refurbishments

Fields of application

With a high content of mineral lightweight aggregates.

Ideal for closing filling wall slots, installation and cable shafts as well as backfilling mortar for cavities, masonry openings, etc.

Also for facing walls in bathrooms, WCs and kitchens as well as for wall straightening. The mortar replaces the usual facing walling in the area of all types of built-in parts, such as pipelines for waste water, ventilation, cold and hot water supply, cabling, heating and electrical distributors, flushing cisterns and fans.

Furthermore, as patching mortar when installing windows and frames.

For use outdoors and indoors.

Description

weber.dur 141 is a factory-mixed, mineral dry mortar with a high proportion of lightweight aggregates.

Composition

Cement, white hydrated lime, mineral lightweight aggregates, well-graded mineral aggregates, additives for better workability and adhesion to substrate

Main features

- good adhesion to pipes
- good non-sag behaviour
- excellent bonding strength
- easy application
- for mechanical and manual application
- for use as backfilling mortar for slots, cavities etc.
- also as patching mortar for assembly of windows and frames
- for use outdoors and indoors

Technical values

Application thickness:	10 mm - 200 mm
Compressive strength:	> 6 N/mm ² (CS IV - EN 998-1)
Yield:	approx. 1.700 liters/ton
Solid mortar density:	approx. 720 kg/m ³
Water vapour diffusion resistance (μ):	≤ 20
Class of capillary water absorption:	W 0
Class of reaction to fire (EN 13501-1):	A 1 (non-combustible)

Quality control

weber.dur 141 is subject to a regular quality control by self-monitoring.

General notes

- 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 mortar. 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.
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Special notes

- Respect the drying time of **weber.dur 141** of 1 day per 5 mm thickness prior to next applications.
 - Minimum drying time: 7 days.
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Substrate preparation

- The substrate must be load-bearing, clean, dry, free of dust and all adhesion-impairing particles and substances.
 - Remove cement laitance (hard sinter skin) with a notched large trowel.
 - Pre-wet dry or very absorbent substrates.
 - Low-grip and non-absorbent substrates (dense and smooth substrates, e.g concrete, clinker): apply the mineral bonding layer **weber.dur 101** in at least 5-mm thickness at a rate of approx. 5 kg/m² and comb horizontally with a notched trowel.
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- Respect the drying time of the pre-said product (at least 1 mm per day), prior to next applications.
- In case of special substrates or those deviating from standards request technical advice.
- The substrate evenness must comply with the allowed tolerances (variations) defined by the national standards and/or guidelines (for ex. DIN 18202 "Tolerances in Building Constructions"). If necessary, take the appropriate remedial measures for levelling the substrates; if in doubt, request technical advice.
- For the correct flush and vertical alignment of connections and terminations fix the render profiles with the profile bonding and installation mortar **weber.mix 125**.
- The substrate preparation must be adapted to the specific job site conditions.

Working instructions

- Temperature of air, materials and substrate during application and drying: $\geq +5^{\circ}\text{C}$
- Do not add any foreign substances during mixing and application.
- Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically.

Mixing

- Mechanical application: the render can be applied with all conventional render machines (with mixing, conveying and spraying equipment). If in doubt, request technical advice.
- Manual application: mix the bag content (30 kg) with approx. 12 liters of water until lump-free, using an electric drill and an appropriate stirrer.

Application

- Spray/apply **weber.dur 141** and strike off with a stainless smoothing trowel.
- Rule level small surfaces with a flat trowel or large surfaces with a straight edge (for ex. aluminium beam), avoiding honeycombs or gaping holes.
- Always ensure a void-free backfilling.
- Leave the surface as required for the post-applied product (overlay render or paint).

Practical information

Grain size:
up to 1 mm

Colour:
natural grey

Application thickness:
10 mm - 200 mm

Water demand:
approx. 12 liters / 20 kg

Tools:
Render machine or electric drill + stirrer, stainless steel smoothing trowel, straight edge (for ex. aluminium beam), flat large trowel

Storage:
The material can be stored up to 12 months in its original unopened packaging, if kept dry and protected from moisture.

Consumption / yield

approx. 34.0 liters / 20 kg

Packagings

Type	Sales unit	Number /euro-pallet
Paper bag	20 kg	35 bags

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.