

Technical Data Sheet

Secco Barrier Plaster

[Secco Sperrputz]



water pressure-tight special mortar for interior sealing

Areas of application:

- Sealing of damp and salt-loaded wall surfaces
- For application on chamfers, repair of defects
- not suitable for substrates made from aerated concrete

Characteristics:

- for indoor and outdoor use (salt and frost resistant)
- for damp and salt contaminated plaster bases, strongly alkaline
- Application by hand or with a suitable plastering machine

Technical data:

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|-----------------------------------|---|
| • Main components: | Cement, hydrated calcium lime |
| • Grain size of aggregate: | ≤ 2.0 mm |
| • Pressure resistance: | ≤ 15 N/mm ² |
| • Diffusion resistance μ : | 44 |
| • capillary water absorption W24: | < 0.5 kg/m ² |
| • Working temperature: | between 5 °C and 25 °C (at least 3 days) |
| • Working time: | maximum 60 minutes |
| • Layer thickness: | at least 15 mm (up to max. 50 mm) |
| • Use: | 25 kg is sufficient for approx. 0.8 m ² at a plaster thickness of 1.5 cm |

Instructions for use:

The mineral substrate (mineral plaster, bricks, sand-lime bricks, natural stones, concrete, etc.) must be firm, free of tension and movement, clean, adhesive and load-bearing, and free of separating and adhesion-reducing substances such as building materials that contain gypsum. Coatings, wallpaper, impurities, dust, grease, formwork oil residues, sintered layers, loose joint mortar and loose old plaster and render must be removed in advance (remove any old damaged plaster or render to at least 80 cm beyond the efflorescence down to the masonry). Thoroughly brush the masonry with a wire brush. Any existing screed in the wall area must be removed at a width of approx. 10 cm. The sealing layer of **Secco Barrier Plaster [Secco Sperrputz]** is connected to the raw surface using a chamfer with a radius of approx. 6 cm.

Pre-wet the plaster base sufficiently and apply "**Secco Quick Rough Plaster**" [**Secco Spritzbewurf schnell**] to smooth substrates. After the rough plastering has hardened, the substrate is pre-wetted again; the **Secco Primer FS** [**Secco Grundierung FS**] is then applied, ensuring the surface is saturated. The subsequent application of plaster is made at a minimum

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thickness of 15 mm and is carried out 10 to a maximum of 20 minutes after application of the **Secco Primer FS [Secco Grundierung FS]** ("wet on wet"). Do not allow **Secco Primer FS [Secco Grundierung FS]** to dry for more than 20 minutes before applying the plaster, since longer drying times will impair the adhesion of the plaster.

Thoroughly mix 25 kg **Secco Barrier Plaster [Secco Sperrputz]** and 3.5 to max. 4.0 litres of clean water in a slow-running mixer (do not exceed a mixing time of 5 minutes). Apply **Secco Barrier Plaster [Secco Sperrputz]** with thick, close trowel strokes (without any cavities or air inclusions), compress it, spread over the surface and then ensure it is flush and smooth throughout the setting process. Protect fresh plaster from rain, sun, draughts and drying out for at least 24 hours (if necessary, cover with a film/re-wet).

The processing time is a maximum of one hour (during this time a maximum of 0.2 litres of additional water may be added).

Notes on processing using a machine:

Use a PFT G4/G5 or Putzmeister MP25/MX20 plastering machine with spiral casing, D 8-1.5 Twister without a tension clamp (only process it with a secondary mixer!). The hose length should not exceed 20 m. Prepare hoses with lime mixture/paste for the plastering process. Then start up the plastering machine with 450 litres of water and mix it in to approx. 250–300 litres (adjusted to the room temperature and surface condition and texture). Connect the water hose to the connection near the screw. Only allow it to stand in the hose for a maximum 5–10 min (otherwise there is a risk of blockage). Do not interrupt the current spraying procedure!

In order to prevent the risk of condensate formation (and thus possibly mold formation) when used indoors, it is necessary to subsequently apply a condensate buffer. The following products are suitable for this:

Luno Indoor plaster [Luno Wohnklimaputz]
Luno Lime interior plaster [Luno Kalkinnenputz]
Vivo Vario Mineral

If the thermal insulation requirements are higher, the hydrophilic, capillary-active mineral insulation panels from the **Pura-line** or the **Clima Redboard-panels [Clima Redboard-Platten]** should be used.

(The respective technical data sheets for the products must be observed!)

Cleaning:

Clean tools immediately after use with water.

Storage stability:

Shelf life of at least 12 months when stored in dry, weather-protected and cool conditions in sealed original containers.

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Dimensions / Form of Delivery / Item No. / EAN No.:

25 kg sack / 36 sacks per pallet / FS25SP / 4260122568154

Other:

The requirements of the EC Safety Data Sheet must be adhered to.

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