

Technical Data Sheet  
**Secco Barrier Plaster**  
**[Secco Sperrputz]**



**Ready for use factory-made dry-mix mortar in accordance with DIN 18557 in reference to Mortar group P III**

**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:**

- Main components: Cement, hydrated calcium lime
- Grain size of aggregate:  $\leq 2.0$  mm
- Pressure resistance:  $\leq 15$  N/mm<sup>2</sup>
- Diffusion resistance  $\mu$ : 44
- capillary water absorption W24:  $< 0.5$  kg/m<sup>2</sup>
- 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<sup>2</sup> 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 1.5 cm 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, D8 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!

#### Cleaning:

Clean tools immediately after use with water.

#### Disposal:

The legal regulations for disposal must be observed. This product and any residual quantities must not be allowed to enter the sewerage system. Excess materials, packaging, and mixing containers must be disposed of appropriately. Allow the residual contents to set with water. Waste code according to the European Waste Catalogue Ordinance AVV: 01 04 10 dust and powdery wastes other than those mentioned in 01 04 07.

#### Storage stability:

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

#### Dimensions/Form of delivery/Article No.:

25 kg sack / Item. No.: FS25SP

#### Other:

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

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