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## one-component, mineral hybrid mortar for waterproof whitewashing and levelling in interior and external spaces

### Characteristics:

- rapid hardening
- versatile uses
- high-pressure and abrasion resistance
- good chemical resistance
- resistant to salts arising in masonry
- not suitable for substrates made from aerated concrete

### Area of application:

- surface sealing or repair of concrete, masonry or cement plaster in damp rooms, cellars, containers, shafts, etc.
- for subsequent internal waterproofing against negative pressure water in cellars, underground car parks, etc.
- for the production of hollow grooves and re-profiling impermeable to pressurised water
- use as a mortar for failed areas and repair of chippings and grooves
- not suitable as sealant to prevent flowing water

### Technical data:

- Binder base: cement
- Colour: grey
- Working time: max. 20 minutes
- Use: approx. 1.8 kg/litre cavity  
approx. 1.8 kg/m<sup>2</sup> per mm layer thickness  
approx. 2.5 kg/m hollow groove
- Resistant to negative water pressure up to 3 m: from 4 mm layer thickness
- Maximum layer thickness: 3 cm
- Minimum layer thickness: 4 mm
- Compressive strength (7 d)\*:  $\geq 35$  N/mm<sup>2</sup>
- Compressive strength (28 d)\*:  $\geq 50$  N/mm<sup>2</sup>
- Bending strength (7 d)\*:  $\geq 6$  N/mm<sup>2</sup>
- Bending strength (28 d)\*:  $\geq 7$  N/mm<sup>2</sup>
- Bond strength (28 days hardening)\*:  $\geq 1.5$  N/mm<sup>2</sup>
- Diffusion resistance  $\mu$ : approx. 70-90 with cavity-free installation

\* Data determined under laboratory conditions at 20°C and 65% relative humidity

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### Substrate:

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 render must be removed in advance (remove any damaged old 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 Due** is connected to the raw surface using a hollow groove with a radius of approx. 6 cm.

Pre-soak the substrate before application (to avoid puddles forming); then apply **Secco Hybrid Primer** [**Secco Hybrid-Grundierung**]. After an exposure time of approx. 30 minutes, **Secco Due** is applied.

### Instructions for use:

A slow-running mixer ( $\geq 400$  rpm) is used for mixing. Different amounts of water will be needed, depending on the application. The following recommended amounts of water are to be added per **12.5 kg container**:

- as a barrier plaster for furring: 2.5 l
- for the arrangement of hollow grooves: 2.5 l – 2.8 l
- for surface finishing and the levelling of defects: 2.5 l – 2.8 l
- as a sealant for levelling: 2.8 l – 3.3 l
- as sealing slurry to be applied with a wide brush: 3.3 l – 3.4 l

Pour 2.5 litres of water into a sufficiently large, clean mixer bucket and, with the mixer running, stir in the powder so it forms a homogeneous mass. If necessary, more water can be added in accordance with the above range in order to achieve the correct working consistency. Stir the mortar for at least 3 minutes. Apply **Secco Due** in layers using a smoothing trowel or wide brush (as a sealant or for layers of a thickness of greater than 2 cm, apply at least 2 coats). Avoid any air being trapped.

Protect the processed material so that it does not dry out too quickly (e.g. due to wind or sun). Do not apply coverings or seals that are sensitive to moisture until **Secco Due** is dry (this will take approx. 7 days, depending on the temperature and humidity).

### Notes:

Stiffened mortar that has already set cannot be reworked with water or fresh mortar. Do not apply if the air, substrate or building material temperatures are below  $+5^{\circ}\text{C}$  or above  $+30^{\circ}\text{C}$ . Low temperatures will take more time, while high temperatures will shorten the working and hardening time.

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In order to prevent the risk of condensation (and therefore the growth of mould) forming when used indoors, a condensation buffer needs to be applied afterwards. The following products are suitable for this purpose:

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

If you require higher thermal insulation properties, please use the hydrophilic, capillary-active mineral insulation boards in the **Pura line** [Pura-Linie] or **Clima Redboard boards** [Clima Redboard-Platten].

The Technical Data Sheets relating to the respective applied redstone products must be followed.

**Cleaning of equipment:**

Clean work equipment immediately after use with water.

**Storage / storage stability:**

Can be stored in dry and frost-free conditions in closed containers for at least 12 months.

**Dimensions / Delivery form / Item No. / EAN No.:**

12.5 kg bucket / 36 buckets per pallet / FS125DUE / 4260122568628

**Other:**

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

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