

Technical Data Sheet

Levelling compound

[Spachtelmasse]



Ready-to-use, white, breathable Levelling and Finishing Compound

Areas of application:

- On mineral substrates indoors, particularly for use on the following redstone products:
 - **Clima Redboard pro**
 - **Clima Redboard basic**
 - **Pura Mineral Insulating Board [Pura Mineraldämmplatten]**
 - **Secco Universal Renovation Board (USP) [Secco Universal Sanierplatte (USP)]**
- For filling in (smoothing) of vertical joint areas
- To affix corrosion-free corner protection rails
- To smooth, repair, coat

Characteristics:

- Breathable, capillary conductive
- Hydraulic hardening
- Highly alkaline, tempered
- Low-strain (tear-free drying)
- Easy to work with, thick filler
- Low in chromates

Technical data:

- Bulk weight: 1.2 kg/litre
- Colour: White
- Mixing ratio: At least 16 l water to 20 kg levelling compound
- Use: Approx. 0.5 kg/m² for joint filling
Approx. 1.5 kg for layers 1 mm thick
- Application thickness: 1 to 4 mm
- Working time: Approx. 2 hours (at 20 °C and 65% rel. air humidity)
- Working temperature: 5 – 30 °C (at least 72 hours long)
- Reworking: Sandable after about 24 hours of drying

Instructions for use:

Levelling compound [Spachtelmasse] can be applied to dry and damp mineral substrates. The substrate must be solid, stable, and free of dust, dirt, oil, fat, wax, and other materials that could hinder adhesion. Coatings, residual plaster, etc. that are not firmly adhered to the surface must be removed. In addition to the products specified under "areas of application", other suitable substrates include concrete, brickwork, lime plaster, cement plaster, rendering and mortaring plaster from groups PII and PIII (In accordance with DIN 18550), and sand-lime brick. Extremely absorbent substrates must be pretreated with redstone **primer [Grundierung]**.

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The redstone **levelling compound [Spachtelmasse]** (20 kg bag) and at least 16 l of clean water are mixed intensively and homogeneously with a mixer on a slow speed until the mixture becomes malleable and free of chunks. Mix it again after a sitting time of about five minutes. It is applied in layers 1 – 4 mm thick (greater layer thicknesses run the risk of tearing). In order to reinforce the putty layer, redstone **Plaster Mesh 165 [Putzgewebe 165]** or **Plaster Mesh 070 [Putzgewebe 070]** can be used as a reinforcement insert pushed into the fresh levelling compound over the entire area (fresh in fresh, putty strength with mesh insert approx. 3 - 4 mm) – **Attention:** The information in the technical information sheet for the redstone product to be coated must be observed for this!

Notes on machine processing:

Plastering machine to be used: PFT G4 without secondary mixer, spiral casing PFT D4-3 twister stator without tension clamp. Please use a maximum hose length of up to 20 m.

Processing of levelling compound [Spachtelmasse]:

- Prepare hoses with lime mixture/paste for the plastering process, then start up the machine using approx. 650 litres of water.
- Then reduce the amount of water to approx. 400-450 litres, adjusted to the room temperature and surface texture.
- Connect the water hose to the connection near the screw.

After this, it is possible to remove the material flat. Depending on the working temperature and general conditions, the **levelling compound [Spachtelmasse]** can be worked on the boards for approx. 15 minutes.

Cleaning:

Clean immediately after use with water.

Disposal:

See information in the EC Safety Data Sheet (can be pulled up at www.redstone.de).

Storage / Storage stability:

At least 12 months of dry storage in closed original packaging

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

20 kg sack / 48 sacks per pallet / AC098SMOC / 4260122566266.

Other:

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

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