

SEALING SLUDGE DS 28



- > resistant to backing water pressure
- > permeable to water vapour
- > frost-resistant
- > can be slurried, filled and sprayed
- > suitable for drinking water tanks



Product description

The water-impermeable, polymer-modified, sulphate-resistant, mineral DS 28 sealing slurry is used indoors and outdoors as horizontal and vertical seal against non-pressing water of foundations, base plates, basement walls, retaining walls, gallery and tunnel constructions and cisterns, as well as a sealant for service and drinking water tanks. Due to its resistances, the sealing slurry can also be used in the area of process water and in concrete silos for animal feed. Filled with fire-dried quartz sand for stability, the compound is suitable as a slump mortar and for coving.

Delivery format

Container	Outer packaging	Pallet
25 KG / PS	-	48 PS
6 KG / KTN	-	84 KTN

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 6666 days

Processing

Recommended tools

Slow-rotating electric mixer, smoothing trowel, paintbrush, rotary feed pump.

Processing

Spreadable consistency: apply with a brush saturated to a consistency of approx. 1.5 kg /m². After the first layer has dried, a second application of approx. 1.5 kg /m² is applied. For a smooth surface, a third application is necessary, which is smoothed with a trowel. If an applied layer dries too much, it must be pre-moistened with water before applying further layers.

Trowelled consistency: for optimum contact with the substrate, the first layer can be applied with a brush, full and saturated, at a consumption of approx. 1.5 kg /m². After drying of the contact layer, each further application is performed with a trowel or spatula.

Sprayable with rotary feed pump.

Water load at the earliest after one week.

Technical data

Bulk density	approx. 1.27 kg/l
Fresh mortar thickness	1.94 kg/l
Grain size	0.4 mm
Colour	cement grey
Consumption	approx. 1.8 kg /m ² /mm
Water consumption	spreadable consistency: 0.28 litres /kg trowelled consistency: 0.25 litres/kg
Layer thickness	Minimum 2 mm, maximum 5 mm
Processing time	approx. 45 min.
Water consumption	for trowelled consistency 0.24 litres/kg; for spreadable consistency 0.28 litres/kg

Test certificates

Tested in accordance with (standard, classification ...)
EN 1504-2

Substrate

Suitable substrates

The substrate is load-bearing and free of intrinsic and foreign substances as well as substances that have a separating effect, burrs or sharp edged unevennesses and soil. Defects such as cavities, masonry joints, mortar pockets and gravel pockets with depths of up to 5 mm can be levelled out by means of scratch filler. Deeper defects should be levelled out with a suitable re-profiling mortar. The substrate may be moist but not wet.

Product and processing instructions

Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.

Environmental information:

- Do not process at temperatures below +5 °C!
- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.

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The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

Please refer to safety data sheet for product-specific information with regard to composition, handling, cleaning, corresponding actions and disposal.

Limiting and monitoring exposure

Personal protective equipment:

General protection and hygiene measures:

- Keep away from foodstuffs, beverages and feedstuffs.
- Take off contaminated, impregnated clothing immediately.
- Wash your hands before taking breaks and when finishing work.
- Avoid contact with the eyes and skin.

Breathing protection:

- Breathing protection is recommended.
- Filter P2.

Hand protection:

- Protective gloves.
- The glove material must be impermeable and resistant to the product/substance/preparation.

Glove material

- Use gloves made from stable materials (e.g. nitrile).
- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to manufacturer.

Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

Eye protection: tightly sealed protective goggles.

Body protection: protective clothing.

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction.

Please contact us if you have any reservations or doubt. This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.