



SPECIAL SEAL WD TOP+

- > single component sealing
- > for indoor and outdoor use
- > can be used vertically and horizontally
- > chemically highly resistant
- > low surface energy



Product description

This single-component, ready-to-use, water-, solvent-, silicone- and isocyanate-free, UV and IR-stable, silane-modified polymer (SMP) serves as a protective seal for special sealant WD-1K to achieve higher mechanical and chemical resistance. It can be used as a roof sealant for clay roof tiles, concrete roof tiles and fibre cement roof panels. It also has the highest degree of resistance to common water treatment agents. Applied to mineral mortar, the sealant prevents the penetration of harmful media into concrete. Special sealant WD Top+ also serves as an adhesion promoter for plastomer bitumen, metals such as aluminium, stainless steel, Uginox, zinc sheet, VMZINC etc., rigid PVC, and polystyrene rigid foam boards as well as between WD-1K layers.

Delivery format

Container	Outer packaging	Pallet
12 KG / KE	-	36 KE
5 KG / KE	-	54 KE

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

Processing

Recommended tools

Lint-free roller, brush.

Mixing

No mixing necessary.

Processing

The product is a single component and ready-to-use. No mixing necessary. When processing, Special Seal WD Top+ should be applied with the appropriate tool depending on the intended use.

Processing on Special Seal WD-1K:

Special Seal WD Top+ is applied in a single step, film-forming and good covering on Special Seal WD-1K.

Processing in concrete:

WD Top+ is applied in two steps.

In the first step, a contact layer is created using Special Seal WD Top+, which may still allow the substrate to shine through.

In the second work step after the contact layer has dried, Special Seal WD Top+ is applied in a film-forming and covering manner and is always cross-coated.

Technical data

Chemical base	polymer hybrid
Density	1.50 g/cm ³
Colour	swimming pool blue, concrete grey, near white
Consumption	approx. 0.25 - 0.30 kg /m ² on special waterproofing WD-1K, approx. 0.40 - 0.50 kg /m ² on concrete, depending on its absorbency
Processing time	approx. 30 minutes at a temperature of 20°C
Drying time	approx. 60 minutes at temperature of 20°C
Can be walked on	after approx. 2 hours at temperature of 20°C
Processing temperature	10°C - 35°C
Water-resistant	after approx 72 hours

Substrate

Suitable substrates

The substrate must be load-bearing and free of separating, intrinsic and foreign substances or other substances normally found on building sites that have a negative effect on allowing a sufficient adhesive bond.

Burrs or sharp-edged unevenness should be trimmed off. Defects such as depressions, masonry joints, mortar pockets, gravel pockets or even deeper breakouts and cavities in the substrate should be filled, levelled or reprofiled beforehand with Murexin mortars or concrete repair products.

Substrate pre-treatment performed using suitable mechanical methods, by cleaning with Murexin acetone.

Product and processing instructions

Material advice:

- 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!

Environmental instructions:

- Do not process at temperatures below +10°C!
- The ideal temperature range for the material, substrate and air is +15°C to + 25°C.
- The ideal humidity range is 40% to 60% relative humidity.
- 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.
- During the drying, reaction and curing phase, adequate ventilation must be ensured, especially indoors.
- Protect adjacent components!

Tips:

- We categorically recommend applying a test area first or performing a small trial.

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Sealing Technology

- 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.

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

Product-specific information regarding composition, handling, cleaning, appropriate measures and disposal can be found in the safety data sheet.

Exposure limitation and monitoring

Personal protective equipment:

General protection and hygiene measures:

- Keep away from food, drink and animal feed.
- Immediately remove soiled, saturated clothing.
- Wash hands before taking breaks and at the end of work.

Breathing protection: If ventilation is inadequate, use breathing protection.

Hand protection: Protective gloves.

Material of gloves

- The selection of a suitable glove depends not only on the material, but also on other quality features and varies from manufacturer to manufacturer. As the product consists of several substances, the resistance of the glove materials cannot be predicted in advance and must therefore be checked before use.

Penetration time of the glove material

- The precise breakthrough time must be obtained from the protective glove manufacturer and must be adhered to.

Eye protection: Safety goggles recommended during decanting.

Body protection: Protective work clothing.

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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.