

COVER COATING 2K PS



- > filled with polystyrene
- > solvent-free
- > low material weight



Product description

Two-component, polystyrene-filled, solvent-free, highly flexible, crack-bridging, plastic-tempered bitumen cover coating. Indoors and outdoors for manual production of permanent, flexible seals of structures in contact with the ground for use on horizontal and vertical areas. For adhesion of perimeter insulation panels on bituminous and mineral substrates in contact with the ground.

Delivery format:

Container	Outer packaging	Pallet
30 L / KE		12

Storage:

Can be stored frost-free, cool and dry on wooden shelves in the unopened original container for: 180 days

Processing

Recommended tools:

Brick trowel, smoothing trowel, spatula, notched trowel, sprayer.

Processing:

Apply to the substrate undiluted with a suitable tool. Clean the tools with water after use. Hollow profiles must be formed in corners of wall projections, light shafts, sections and in wall/level areas. Bitumen cover coatings can be damaged by the effect of water on their back side during the construction phase. Processing is dependent on the respective water load of the building. Therefore, ensure that the existing load case is clearly provided by the planner before stating work. Do not process in frosty conditions or if rain is expected. For seals against ground moisture and non-standing seepage water (DIN 18195 – Part 4), the application can also take place fresh on fresh. For seals in accordance with DIN 18195 Part 5 and 6, the first sealing layer must have dried enough before application of the second layer so that it is not damaged due to the application.

For seals against standing seepage or groundwater (DIN 18195 Part 6), the first sealing layer is to be fully worked in as a reinforcement layer (glass fibre mesh). As per DIN 18195, the cavities are to be formed before area sealing. Ensure proper execution of the sealing in the areas of joints, connections and finishes, as well as

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penetrations. The fresh coating is to be protected against rain and heavy sunlight. Protect the coating against damage. Protection and drainage layers may only be applied after complete drying of the sealing layer. The provisions of DIN 18195 Part 10 are to be observed. Suitable protective layers are, for example, plastic dimpled membranes with sliding film and filter fleece as well as thermal or bituminous bound seepage panels. The excavation pit can be filled subsequently. Only material in accordance with DIN 18195, Part 10 should be used in order to avoid damage to the sealing and protective layer.

Post-treatment: The coating is rain-proof after approx. 5 hours.

Technical data

Density	A approx. 0.6 g/cm ³ ; B approx. 1.4 g/cm ³ ; A = B approx. 0.7 g/cm ³
Consumption	Insulation panel adhesion: approx. 2 kg/m ² Ground moisture / non-standing water: approx. 4.5 l/m ² = approx. 4.5 mm wet layer thickness = approx. 3.2 mm dry layer thickness standing seepage water: approx. 6.0 l/m ² = approx. 6.0 mm wet layer thickness = approx. 4.3 mm dry layer thickness
rainproof	after approx. 5 hrs. as per EN 15816
Pot life	approx. 2 hrs
Water pressure-tight	up to approx. 7 bar
Completely dry	after approx. 48 hrs (depending on temperature, humidity, layer
Water vapour diffusion resistance	μ-value approx. 12000

Test certificates

Tested in accordance with (standard, classification ...)

DIN 18195 Teile 4 und 6 Abdichtung von Bauwerken und Bauteilen entsprechend (aufstauendes Sickerwasser) BRL A Teil 2 lfd. Nr. 2.39
EN 15814

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, gravel pockets up to 5 mm depth can be levelled out via scratch coating. Deeper defects are levelled out with suitable reprofiling mortar. The substrate may be moist but not wet.

Product and processing instructions

Material information:

- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.

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Sealing Technology

Environmental information:

- Do not process at temperatures below + 5 °C!
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- The ideal relative air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting and hardening.
- Ensure sufficient ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect from 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.
- Observe the product data sheets of all MUREXIN products used in the system.
- 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

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.

Breathing protection: not required.

Hand protection: gloves made from thick material.

Glove material

- 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: Protective goggles recommended when decanting.

Body protection: protective 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.