

## LIQUID FILM 1 KS

- > ready-to-use
- > roller or trowel application
- > tested in accordance with EN 14891
- > very low emissions - EC1-PLUS



### Product description

Solvent-free, water-impermeable, single-component, permanently elastic, seamless and jointless compound seal.

Indoor use only. Suitable for jointless sealing of wall and floor surfaces in wet areas (e.g. showers, bathrooms, steam baths etc.) to protect against pressureless water directly below the ceramic covering. Corresponds to EN 14891, ÖNORM B 3407 W1-W4 and is in accordance with the ZDB bulletin for wet duty classification A0 as well as duty class A in accordance with the test principles for issuing a general building inspection certificate.

#### Delivery format:

Container	Outer packaging	Palette
7 KG / KE		85 pcs.
14 KG / KE		36 pcs.
25 KG / KE		24 pcs

#### Storage:

Can be stored for about 12 months in frost-free, cool and dry environment on wooden rack in unopened original container.

### Processing

#### Recommended tools:

Foam or lambwool roller, trowel.

#### Processing:

Apply the material in two separate steps directly from the container using suitable tools and making sure the surface is covered completely and with an even coating thickness. The coating must be dried accordingly between the individual applications. Use Murexin Sealing Tape DB 70 for adjoining walls and floors. In the areas of pipe outlets and water drains, it is recommended you use Murexin Sealing Collars DZ 35 or DZ 70. Clean the tools with water after use.

## Technical specifications

Airing time	approx. 15 minutes for the first layer
Ready for covering	after approx. 3 hours
Colour	yellow, blue
Consumption	approx. 1.5 kg/m <sup>2</sup> per mm layer thickness (approx. 0.8 kg/m <sup>2</sup> per mm layer thickness)
μ value	approx. 2500
Dry layer thickness	at least 0.5 mm (in two layers), max. 2.0 mm (in two layers)
Work steps	at least two applications are required

## Test certificates

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

ÖNORM B 3407  
ZDB bulletin  
EN 14891

## Substrate

### Suitable substrates:

Concrete  
Cement screed  
Anhydrite screed  
Poured asphalt  
Plaster  
Lime-cement plaster  
Masonry  
Gypsum plasterboards, plasterboards  
Slate concrete  
Aerated concrete  
Wooden materials

Not suitable for areas that are subject to pressurized water stress, e.g. swimming pools and outdoor areas (terrace, balcony).

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

### Substrate preparation:

The substrate must be prepared accordingly by priming.

### Product and processing instructions

#### Material information:

- The properties of the material may be significantly altered if not processed within the recommended temperature and/or humidity range.
- 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.
- Compound seals require at least two layers.
- Already mixed material that is beginning to harden may not be diluted further or mixed with fresh material!

#### 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 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.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draught!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!
- Before using seals, defects and uneven surface areas must be levelled in a separate step.

#### 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.
- Compound seals cannot replace structural sealing.
- Underfloor heating systems must not be turned on during processing and hardening.

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

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](http://www.murexin.com).