

## SEALING FOIL DF 2K



- > hydrostatic-pressure resistant
- > highly flexible
- > elastic at low temperature
- > UV-resistant

### Product description

Hydraulic hardening, solvent-free, water-impermeable, but still water vapour permeable, permanently elastic, seamless and jointless two-component compound seal. Indoors and outdoors for jointless sealing of wall and floors areas under the ceramic covering in showers, bathrooms, on terraces and balconies, swimming pools, facades and all industrial wet rooms.

According to EN 14891, ÖNORM B 3407 W1-W6, according to DIN 18534 for water impact class W0-I to W3-I (for W3-I without additional chemical load), according to DIN 18531-5 (balconies, loggias, etc.) and DIN 18535 (swimming pools and containers), as well as according to the test principles for the issue of a general building inspection test certificate.

#### Delivery format:

Container	Outer packaging	Pallet
12,5 KG / KKA		42
25 KG / PS		48
18 KG / KE		24

#### Storage:

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

### Processing

#### Recommended tools:

slow-rotating electric mixer, toothed trowel.

#### Mixing:

The material is packed in the proper mixing ratio (liquid : powder = 1:2) and is processed in whole units. Both components are mixed together completely until a homogeneous, lump-free mass is produced using a slowrotating electric mixer.

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Tile laying technology

## Processing:

The stirred mass is to be applied to the substrate in two separate steps. The respective application must be without defects and of even thickness. A suitable Murexin sealing tape, including the system components, must be laid for adjoining walls and floors. In the areas of pipe outlets and water drains, it is recommended to incorporate Murexin sealing collars. The sealing layer is to be created free of defects in two separate steps. Clean the tools with water after use.

## Technical data

Drying time after 1st order	approx. 2 hrs
Ready for laying	after approx. 24 hrs
Consumption	approx. 1.5 kg/m <sup>2</sup> per mm layer thickness (approx. 3 kg/m <sup>2</sup> per 2 mm layer thickness)
μ value	approx. 1000
Dry layer thickness	min. 2 mm (in two layers), max. 4 mm (in 2 layers)
Processing time	approx. 1 hr
Work steps	at least two applications are required
Hydrostatic pressure resistant	7 bar (from front)
Free of cracks	-35 °C to +80 °C

## Test certificates

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

ÖNORM B 3407  
DIN 18534  
EN 14891

## Substrate

### Suitable substrates:

Concrete  
Cement screed  
Anhydrite screed  
Mastic asphalt  
Plaster Limecement  
plaster  
Masonry  
Gypsum plasterboards  
Smooth concrete  
Aerated concrete  
Wooden substrates

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".

The substrate must be prepared accordingly by priming.

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## Product and processing instructions

### Material instructions:

- The material properties may change significantly when working outside the ideal temperature and/or humidity range.
- 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 consistency!
- Colour evenness can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.
- Mixed material which is already starting to stiffen may not be diluted further or mixed with fresh material!

### Environmental instructions:

- 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!
- Before using seals, defects and uneven surfaces must be evened out in a separate work step.

### 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.
- Compound seals cannot replace structural sealing.
- The underfloor heating system may not be switched 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).