



FF 1K

Ready-to-use polymer dispersion for interior waterproofing



Colour	Availability		
	Quantity per pallet	48	32
	Size / Quantity	7 kg	15 kg
	Type of container	Plastic bucket	Plastic bucket
	Container code	07	15
	Art. no.		
dark	2868	■	■
light	2907	■	■

Application rate

Approx. 1.2 kg/m² (for a dry layer thickness of min. 0.5 mm)

Dependent on the substrate and any sealing tape used.

Apply to a large enough trial area to determine the precise amount required.

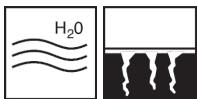


Range of use



- Suitable for water impact classes W0-I, W1-I and W2-I (wall only) according to DIN 18534
- Bonded waterproofing under tiles and slabs
- Tested according to DIN EN 14891
- AbP according to PG-AIV-F
- Moisture-sensitive, absorbent substrates, e.g. gypsum building materials
- Absorbent mineral substrates, e.g. screed, cement plaster, lime-cement plaster, concrete, aerated concrete, sand-lime brick

Property profile



- Can be applied by brush or roller
- Fast drying
- Suitable for use with underfloor heating
- Watertight
- Crack-bridging
- Solvent free and very low in emissions (GEV-EMICODE EC 1^{PLUS})
- Available in contrasting colours

Characteristic data of the product

- On delivery

Solids content	Approx. 77%
Binder	Styrene-acrylic dispersion
Density (20 °C)	Approx. 1.5 g/ml
Consistency	Paste-like

- Once fully cured

Crack bridging (DIN EN 14891)	≥ 1.5 mm (at a dry layer thickness of 0.5 mm)
Reaction to fire (DIN EN 13501-1)	Class E

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- [General building certificate for use as building waterproofing](#)
- [Classification report on reaction to fire](#)
- [Lizenz zur Führung des EMICODE_GEV vom 17.6.2021](#)
- [Awarding of licence for the use of EMICODE_GEV vom 17.06.2021](#)

Possible system products

- [Primer Hydro F \(2842\)](#)
- [FL fix ^{\[basic\]} \(2859\)](#)

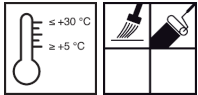


➤ [Tape VF-Serie](#)

Preparation

- **Substrate requirements**
The substrate must be clean, dry, flat and capable of bearing a load, and free of dust, oil, grease and release agents.
- **Substrate preparation**
Remove projecting seams and mortar remains.
Close broken-out areas using a suitable mortar.
As a general rule, priming with Primer Hydro F is required.

Directions



- **Conditions for use**
Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.

Pipe penetrations, internal and external corners, wall-wall and wall-floor transitions must be waterproofed using sealing tape or sealing sleeves from the Tape VF 120 series. The sealing tape or sleeves must be embedded in a bonding layer of FF 1K such that no bubbles are formed, and then overcoated with the first waterproofing layer. Apply the undiluted material generously over the entire surface using a suitable tool. The second waterproofing layer can be applied as soon as the first layer is dry enough that it can no longer be damaged. Once the second waterproofing layer is dry, the tile cement FL fix [basic] can be applied.

Tips on use

The finished waterproofing must not fall below the minimum dry layer thickness of 0.5 mm at any point. At least two waterproofing layers are required. In work areas subject to DIN 18534, the waterproofing layers must be applied in contrasting colours. Take appropriate measures to protect adjacent building elements and materials that should not come into contact with the product. Material not compatible with bituminous waterproofing.

- **Drying**
1st coat approx. 1 - 3 hours (+23 °C/50% rel. humidity)
2nd coat approx. 4 - 8 hours (+23 °C/50% rel. humidity)

Notes

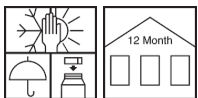
Do not use the material for waterproofing in underwater areas. Deviations from applicable regulations must be agreed separately. The relevant test certificates must be observed when planning and carrying out work. Always set up a trial area/trial areas first.

Tools / Cleaning



Paintbrush, flat brush, lambskin roller
Clean tools, equipment and any splashed material immediately with water while still fresh.

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Declaration of performance

➤ [Declaration of performance](#)



Declaration of conformity



0761

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GBI F 053-1

EN 14891:2012

2868

Liquid applied water impermeable product for external installations on walls and floors, beneath ceramic tiling, (bonded with FL fix [basic] C2 adhesives in accordance with EN 12004)

Initial tensile adhesion strength:	≥ 0.5 N/mm ²
Tensile adhesion strength after water contact:	≥ 0.5 N/mm ²
Tensile adhesion strength after heat ageing:	≥ 0.5 N/mm ²
Tensile adhesion strength after freeze-thaw cycles:	≥ 0.5 N/mm ²
Tensile adhesion strength after contact with lime water:	≥ 0.5 N/mm ²
Waterproofing:	no penetration
Crack bridging ability:	≥ 0.75 mm

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.