

WATERFIX®

THE FOAM THAT REALLY SEALS.



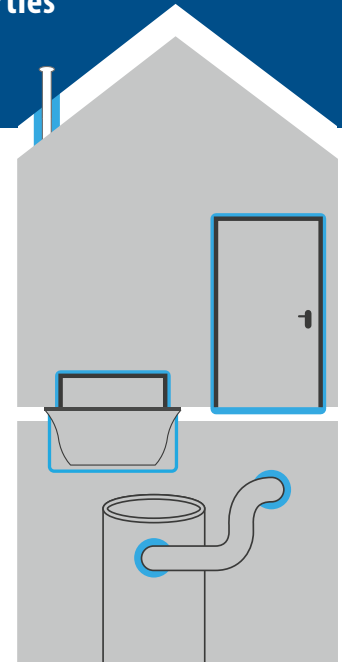
ADVANTAGES

- watertight up to 1.0 bar
- gas-proof up to 1.0 bar
- oil-proof up to 1.0 bar
- simple and fast processing
- ageing resistant and rot-proof
- dimensionally stable
- closed cell
- very good adhesion properties

AREAS OF USE

WATERFIX® has been developed to permanently, reliably and easily seal ruptures in structural and civil engineering. It replaces conventional sealing systems, e.g. RDS pipe and cable grommet systems, sleeve/cuff solutions and pinch seals.

WATERFIX® is suitable for all types of walls, ducts, facades or the roof area. Window and door elements can also be fitted as pressurised water- and gas-tight with it. The special foam is used wherever conventional systems can not be used due to shape, size and implementation framework.



THE PRODUCT

WATERFIX® Special Foam is delivered in tin cans of 400 ml capacity (15 cans per box). A single can's volume yield can be up to 7,000 ml. The applied foam is non-tacky after approximately 5 minutes, can be cut after approximately 10 minutes and is cured after 20 minutes (in each case based on a 20 mm strand). The temperature resistance of the applied foam is between -30°C and +80°C. The cans are supplied with two dynamic mixing nozzles, which are also available separately. In addition, a primer is available to increase the adhesion of polyethylene (PE) and polypropylene (PP) products (see point application).

PREPARATION

The adhesive surfaces must be dry, solid, and free of dust and grease. For PE and PP pipes or cables, you should use a suitable depth primer (PRIMER P 40) to improve the adhesion properties. Allow to dry well before applying the special foam. Waterfix® does not adhere to release agents such as silicone, oils and greases. The processing temperature (can and surface) should be between +10°C and +30°C.

WATER FIX[®]

APPLICATION

First remove the cap and then fold the lever backwards. Then insert the mixing nozzle in the direction of the arrow on the valve. Carefully press the two adapters through the membrane of the valve without using force.

Place the lever back over the mixing nozzle and press the lever fully to release the foam.

Attention: Keep the can upside down during the whole foaming process (valve down). During foaming, press the can pull lever fully to ensure good mixing of the two components.

Attention: The freshly exuded foam will extend by two to three times the original volume. Therefore, do not overfill hollow spaces.

Properly applied foam will have a turquoise to medium blue colour. Yellow foam indicates an incorrect application which does not fulfil the listed product characteristics.

In order to achieve the specified grades of sealing, the following foam dimensions must be achieved:

- minimum foam width 5 mm
- maximum foam width 200 mm
- minimum foam depth 100 mm

Cured foam can only be removed mechanically.

After first use, the product can be used for a period of 1 month.
(assuming it is stored as stipulated)



proper handling



incorrect handling

1.

Attach the mixing nozzle in the direction of the arrow



2.

Place the lever over the mixing nozzle



3.

Use the can upside down





CERTIFICATIONS

Building implementation water pressure-tight (OFI test report no. 17.00805-3k)

Pipe plug water pressure-tight (OFI test report no. 17.00805-4k)

Gas-tight (OFI test report no. 17.00805-5)

IMPORTANT NOTES

Do not proceed with bonding/sealing on damp substrates! The Waterfix® Special foam must not be pre-moistened or made wet. High building moisture or wetness can lead to adhesion issues or foaming defects during foaming or curing. Please observe our processing guidelines.

Safety instructions:

Use only in well-ventilated areas. Keep Waterfix® out of the reach of children! Do not inhale the aerosol! Avoid contact with the eyes and skin! Wear gloves while working, as the fresh foam may stick strongly and, once cured, can only be removed mechanically! Wear protective goggles/face protection! For further information on product safety and handling please refer to our current safety data sheet and the technical data sheet.

Delivery format:

Tinplate cans containing 400 ml of product.

Carton containing 15 cans.

Technical data:

(determined at +20°C, 50% RH)

Building implementation water pressure-tight (OFI test report no. 17.00805-3k).. 1 bar permanently

Pipe plug water pressure-tight (OFI test report no. 17.00805-4k) 1 bar permanently

Gas-tight (OFI test report no. 17.00805-5) 1 bar permanently

Volume yield (free-foaming 400ml can) up to 7 litres

Cellularity very fine

Non-tacky after approx. 5 min.

Cuttable after (20 mm strand) approx. 10 min.

Cured after (20 mm strand) approx. 20-25 min.

Processing temperature (can and surface) +10°C to +30°C

Optimum processing temperature (can and surface) +20°C to +25°C

Density approx. 60 kg/ml

Temperature resistance (long-term) from -30°C to +80°C

Building material class (in accordance with DIN EN13501-1) Class E

Storage in a dry room from +5°C to +25°C

Shelf life (pertaining to dry and cool storage) 12 months

Higher temperatures may significantly reduce the shelf life.
Store your cans upright.

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