

TECHNICAL DATA SHEET

PURlogic® Fast 2-component frame foam

Art. no. 0892 144

P. Qty.: 1 / 12

2C cartridge foam for secure door frame installation

PURlogic® Fast excellently adheres to almost every substrate commonly seen in construction. Thanks to its dimensional stability, the product does not further extend once it is fully cured.

Properties examined in independent test institutes:

- Joint sound insulation: Reduced noise level at $RST,w = 61$ dB according to DIN 52210, tested by ift Rosenheim.
- Thermal conductivity: Reduced heat loss after $0.035W/(mK)$ according to DIN 52612, tested by MPA Hanover.
- Air permeability: Prevents draughts, tested according to DIN 18055/EN 42 by ift Rosenheim.
- Water vapour permeability: Tested according to DIN EN ISO 12572 by ift Rosenheim.
- Energy saving according to German Energy Saving Ordinance (EnEV): Heating cost savings of 9 % tested by Fraunhofer Institute based on DIN 18055/EN42.
- General test certificate from construction authorities: Corresponds to material class B2 according to DIN EN 13501-12 Class E, tested in the Material Testing Institute in Leipzig.



Chemical basis	Polyurethane prepolymer
Colour	Green
Smell/fragrance	Characteristic
Moulded density	35 kg/m ³
Conditions for moulded density	in released form, tested in accordance with Würth test methods
Cell structure	Fine
Cell structure conditions	tested in accordance with Würth test methods
Working life	4 min

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Tack-free after	5 min
Conditions for being tack-free	at 23 °C and 50% humidity
Can be cut after	15 min
Conditions for ability to cut	at 23 °C and 50% relative humidity
Full resilience	1 h
Conditions for full resilience	at room temperature
Final spreading possible after	60 min
Conditions for final spreading	at room temperature
Min./max. processing temperature	10 to 25 °C
Min./max. ambient processing temperature	10 to 25 °C
Min./max. surface processing temperature	10 to 25 °C
Min./max. processing temperature for can	10 to 25 °C
Min./max. temperature resistance	-40 to +90 °C
Max. short-term temperature resistance	120 °C
Compression strength	5 N/cm ²
Compression strength conditions	based on DIN 53421 at 10% compression
Min. combined tension and shear resistance	9 N/cm ²
Conditions for combined tension and shear resistance	in accordance with DIN 53427
Elongation at break	30 %
Yield (volume) approx.	10 l
Conditions for yield	Tested in accordance with Würth test methods
Contents	400 ml
Building material class	B2 - Normally inflammable
Building material class conditions	in accordance with DIN 4102
Resistance against	Aging
Shelf life from production	12 Month
Conditions to maintain shelf life from production	upright and dry storage area
Sustainability	Low-emission/low-pollution

Application area

For high-quality and secure wooden and steel door frame installation, window sill connections*, for filling larger cavities, such as roof beams, bath and shower tub filling and model and mould construction.

* Must be protected from a compressive load with a sufficient supporting load.

Adheres to concrete, stone, hard PVC and wood.

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Application information

Cover the surfaces adjacent to the working area before starting work. Screw the enclosed adapter tube onto the valve. Turn the inner part of the red rotary disc 5 times to the right. This opens the B component. Shake the can vigorously, with the valve facing downwards, approx. 20 times so that the can contents are mixed and the foam quality is optimised. The foam needs to be a uniform shade of lime green. If this is not the case, shake the can again.

Wooden door and window frames:

For installing door and window frames, the structural components must be aligned and fastened in accordance with the latest standards. Use spreaders for door frames. Afterwards, apply foam at 3 points on the left and the right. Only fill the joints or cavities to 50% with foam because the foam will expand.

Steel door frames:

Steel door frames must be fully bonded with foam and must also be secured mechanically. Cut away excess, fully hardened foam with a knife. Immediately remove splashes of foam with PURlogic® Clean, art. no. 0892 160. Observe the standard industrial hygiene practices. Wear safety goggles and safety gloves. Fully empty the contents of the can within no more than 5 minutes of mixing them; otherwise, the foam will harden in the can and could burst. When the can temperature is increased, the foam can burst when the valve is operated.

Never burn off hardened foam. Further information on product safety and application can be found on the container.

Proof of performance

EMICODE EC1plus: Very low emissions: The EMICODE classification system distinguishes the environmental and health compatibility of construction products. The lowest-emission products bear the EC1plus mark.



Notice

Adheres to concrete, stone, hard PVC, metal and wood. Does not adhere to polyethylene, silicone, PTFE and grease. Primer must be applied to porous and absorbent surfaces. The despreding time can increase significantly with damp building surfaces. Moisture does not need to be added (wetting the adhesive surfaces) with 2-component foams.

The usage instructions are recommendations based on the tests we have conducted and our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee consistent quality of our products. We reserve the right to make technical changes and further develop products.