

TECHNICAL DATA SHEET

FOME FLEX ZERO PRESSURE W&D ELASTIC FOAM ZERO EXPANSION PRESSURE, EXTRA ELASTIC WINDOWS AND DOORS PU MOUNTING FOAM

FOME FLEX Zero Pressure Windows & Doors Elastic Foam is a PU mounting foam with zero expansion pressure, extra elasticity, designed for professional sealing of windows and doors. Permanent elasticity and low thermal conductivity ensure durability and excellent thermal insulation. The joint has up to 33% movement capacity, making the product perfect for moving structures. **FOME FLEX Zero Pressure** has extremely low secondary expansion without exerting pressure on the window and door frames. The foam polymerizes very quickly, allowing excess foam to be cut off after only 20 minutes without damaging the foam structure or impairing the seam's properties. This significantly speeds up and simplifies the work of the construction master.

**Advantages**

- Yield: 50 L or 44 m of joint.
- Cutting time — only 20 minutes.
- Thermal conductivity: 0.033 W/mK.
- Fully cured in 12 hours.
- Very low secondary expansion — only 30%.
- Application temperature: -5°C...+35°C.
- Skin formation time: 5 minutes.
- Temperature resistance after curing: -40°C...+90°C.

Perfect adhesion with:

- Wood
- Concrete
- All types of metals
- PVC
- Brick
- Drywall boards
- EPS and XPS
- Roof tiles

Areas of application

Sealing of windows and doors.
Thermal insulation.
Filling of cracks, gaps, cavities, and joints.
Pipe insulation.
Sealing of roof, wall, and floor joints.

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Technical specifications

Indicator	Units	Value
Colour		Blue
Density	kg/m ³	20
Yield	L	50
Cutting time	min	20
Full curing time	h	<12
Skin formation time	min	<5
Secondary expansion	%	30
Thermal conductivity	W/(m*K)	0,033
Tensile strength	kPa	28
Compressive strength	kPa	13
Pressure during curing	kPa	0,67
Temperature resistance after full curing	°C	-40°C...+90°C
Dimensional stability	%	2,25
Application temperature	°C	-5°C...+35°C
Storage temperature	°C	+5°C...+25°C
Fire resistance class		B3
Volume	ml.	750

Directions of Use

Clean and moisten the working surface thoroughly. Shake the can vigorously for at least 20 seconds before use. Hold the can upside down during application. Adjust the foam flow using the valve at the back of the gun handle. Fill cavities up to 70% of their volume to allow for expansion. Application temperature is from -5 ° C to +35 ° C. If applying at low temperatures, warm the can to +18°C by placing it in warm water or a heated environment. Fresh foam can be cleaned with **FOME FLEX Cleaner**, while cured foam must be removed mechanically or with **Hardened PU Foam Cleaner FOME FLEX**.

Storage conditions

Store upright in a dry place at +5 ° C to +25 ° C. The Expiry date is 18 months from the date of manufacture, subject to storage regulations. Protect canisters from direct sunlight and heat above 50 ° C.

Transportation:

Store and transport cans vertically. Transportation temperature: -5°C to +30°C.

Packaging

1000 ml aerosol canister, volume 750 ml, 12 pcs. in per box.

TECHNICAL DATA SHEET**Health & Safety**

Product Safety Data Sheet must be read and understood before use. These are available on request.

Waste management

Empty the packaging and dispose of it properly.