

TECHNINICAL DATA SHEET

FOME FLEX PROFI FOAM 45L

LOW EXPANSION

PROFESSIONAL LOW-EXPANSION, HIGH-YIELD PU MOUNTING FOAM

FOME FLEX PROFI FOAM 45L is a professional gun-grade, PU foam with low secondary expansion and increased yield. It is designed to install window and door frames, fill cavities and gaps, and insulate roofs. This foam is also suitable for insulating plumbing, heating, and ventilation systems. It features minimal secondary expansion and cures quickly, allowing cutting within 20 minutes without compromising the foam structure or sealing properties. FOME FLEX PROFI FOAM 45L can be used at temperatures as low as -10°C, making it ideal for all season applications.

Advantages

- High yield – up to 45 Liters
- Fast cutting time – 20 minutes
- Full curing – 12 hours
- Minimal secondary expansion -30%
- Application temperature range: -10°C to +35°C
- Skin formation time – 6 minutes
- Thermal resistance after curing: -30°C to +80°C
- Expansion pressure during curing – 1.49 kPa

Perfect adhesion with:

- Wood
- Concrete
- Any metal
- PVC
- Bricks
- Plasterboard
- EPS and XPS
- Ceramic ties

Areas of application

Window and door sealing.
Thermal insulation.
Acoustic isolation.
Filling cracks, cavities, gaps.
Pipe insulation.
Sealing roof, wall, and floor joints.



TECHNINICAL DATA SHEET

Technical Specifications

Indicator	Units	Value
Colour		Yellow
Density	kg/m ³	20
Yield	liters	45
Cutting time	min.	20
Final curing time	h.	<12
Skin formation time	min.	<6
Secondary expansion	%	30
Thermal conductivity	W/(m*K)	0,035
Tensile strength	kPa	70
Shear strength	kPa	40
Compressive strength	kPa	24
Temperature resistance after curing	°C	-30 °C ... +80 °C
Application temperature	°C	-10 °C ... +35 °C
Fire behavior		B3
Content	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 -10 °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.

TECHNINICAL 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.