

# SILENT FOAM

## HIGH PERFORMING SOUNDPROOFING SEALING POLYURETHANE FOAM

- Reaction to fire B3 (SILFOAM750) and B2 (SILFOAM750B2) according to DIN 4102-1
- For assembly of timber, PVC or aluminium door and window frames
- Perfect adhesion to any building material EPS and XPS sheets
- Airtight even after trimming thanks to closed-cell structure
- Classified EC1<sup>PLUS</sup> for emissions of organic volatile compounds according to GEV (SILFOAM750) test procedure



CODE	content [ml]	colour	yield	use	pcs
SILFOAM750	750	white	35 - 40 L	with gun	12
SILFOAM750B2	750	white	35 - 40 L	with gun	12



## INSTRUCTIONS FOR USE

It is always advisable to have the correct Personal Protective Equipment (PPE) and to consult the technical data sheet and safety data sheet before starting the supply. The substrates must be resistant, clean, free of oil and grease, dust and dirt in general. For optimal performance work at a temperature of approximately +20°C. Immerse the can in warm or cool water to raise or lower the temperature of the mix. Shake the can energetically at least 15-20 times before using and repeating this operation after the processing interruptions, if any. Screw the cylinder to the gun. The working position of the cylinder is with the valve facing downwards. Carefully dose the amount of product into the cavity, the foam is self-expanding and increases its volume before it fully hardens. Spraying the foam with water aids the expansion process and helps create a more uniform cell structure. After use, thoroughly clean the gun to remove foam residue.



Only for SILFOAM750

## WARNINGS

- Use only in ventilated environments
- Flammable product
- Do not breathe vapours/aerosols
- Avoid contact with eyes and skin
- Keep out of reach of children
- Dispose of contents/container in accordance with local regulations
- Follow the information on the safety data sheet
- Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use
- For gaps greater than 30mm, extrude the foam in several passes

Aerosol 1. Acute Tox. 4. Skin Irrit. 2. Eye Irrit. 2. Resp. Sens. 1. Skin Sens. 1. Carc. 2. STOT SE 3. STOT RE 2

## TECHNICAL DATA

### SILFOAM750

properties	standard	value
composition	-	Single component PU
colour	-	white
film formation time 23 °C / 50% RH <sup>(1)</sup>	-	6 - 10 min
cutting time 23 °C / 50% RH <sup>(1)</sup>	-	20 - 40 min
time required for complete hardening 23 °C / 50% RH <sup>(1)</sup>	-	60 min
thermal conductivity (λ)	FEICA TM1020/ EN 12667	0,030 - 0,035 W/(m·K)
acoustic insulation of joints R <sub>s,w</sub>	EN ISO 10140-1	10 mm: ≥ 63 (-1;-5) dB
	EN ISO 10140-2 EN ISO 717-1	20 mm: ≥ 63 (-2;-5) dB
air permeability	EN 12114	a ≤ 0,1 m <sup>3</sup> / (m·h·daPa <sup>2/3</sup> )
water vapour resistance factor (μ)	EN 12572	20
water vapour transmission (Sd) thickness: 70 mm	EN 12572	1,4 m
reaction to fire	DIN 4102-1	class B3
	EN 13501-1	class F
temperature resistance once hardened	-	-40 / +90 °C
application temperature (spray can, support and environment)	-	+5 / +35 °C
EMICODE	GEV test procedure	EC1 <sup>PLUS</sup>
French VOC classification	ISO 16000	A+
VOC content	-	17,0 % - 173,3 g/L
transport temperature	-	0 / +35 °C
storage temperature <sup>(2)</sup>	-	+5 / +30 °C

### SILFOAM750B2

properties	standard	value
composition	-	Single component PU
colour	-	white
film formation time 23 °C / 50% RH <sup>(1)</sup>	-	6 - 10 min
cutting time 23 °C / 50% RH <sup>(1)</sup>	-	20 - 40 min
time required for complete hardening 23 °C / 50% RH <sup>(1)</sup>	-	60 min
acoustic insulation of joints R <sub>s,w</sub>	EN ISO 10140-1	10 mm: ≥ 63 (-1;-5) dB
	EN ISO 10140-2 EN ISO 717-1	20 mm: ≥ 63 (-2;-5) dB
reaction to fire	DIN 4102-1	class B2
	EN 13501-1	class E
temperature resistance once hardened	-	-40 / +80 °C
application temperature (spray can, support and environment)	-	+10 / +35 °C
transport temperature	-	0 / +35 °C
storage temperature <sup>(2)</sup>	-	+5 / +30 °C

<sup>(1)</sup> The data expressed may vary depending on the thickness of the product applied and the specific installation conditions: temperature, humidity, ventilation, absorbency of the substrate.

<sup>(2)</sup> The product remains stable for 18 months if stored in the original packaging in a dry and covered place, in an upright position. Check the expiry date on the packaging.