



SELFOAM LOW EXPANSION PU FOAM-GUN

1. Product Description

Selfoam Low Expansion PU Foam is polyurethane based, moisture cured, one component filling and insulation material.

2. Properties

- One-component.
- Moisture cured.
- Excellent adhesion to most construction materials such as wood, concrete, tile, metal and aluminum (except polyethylene, silicone and teflon).
- Thermal and acoustic insulation.
- Cuttable and paintable after curing.
- Very good expansion capacity.
- Only expands enough to generate an effective seal
- When properly applied, proven to not distort or bow window and door frames
- Forms durable, airtight, water-resistant bond to vinyl, wood and metal surfaces
- Expands to take the shape of cracks and voids

3. Technical Information

Chemical Base:	Polyurethane	
Curing Mechanism:	Atmospheric Moisture	
Density: (SEL DM 31)	15 ± 3 kg/m ³	
Skin formation: (SEL DM 61)	5-6 min.	
Ready-to-cut time: (SEL DM 35)	15-30 min.	
Dimensional Stability: (SEL DM 60)	avg: -1,09 %	
Compression Strength: (SEL DM 111)	35,7 kPa	
Tensile Strength: (SEL DM 110)	67,6 kPa	
Volume Expansion: (SEL DM 59)	600-700 g	<40 lt
	700-800 g	40 - 50 lt
	800-900 g	45 - 55 lt
	900-1000 g	>55 lt

4. Application Details

Application Temperature: +5 °C to + 35 °C
Temperature Resistance (cured): -30 °C to +80 °C

The application surface must be solid, clean, dry and free of dust, oil and grease.
Surfaces must be moisturized before application of PU foam.
The most suitable tin temperature for use of PU foam is between 20–25°C.
Low temperature cans should be used after storage at room temperature for a period of time (20 min). Shake the tube vigorously about 30 times before use.

Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates

Do not use in applications where continuous water immersion is possible.

Fresh foam can be cleaned with Foam Cleaner before curing. Cured foam can only be removed mechanically with knife or spatula.

5. Packaging

750 ml x 12 per box

Color

Foam Color: Pale Yellow

6. Shelf Life

Store the product in a cool and dry place.
The shelf life is 12 months at temperatures between +5°C and +25°C.

7. Caution

Keep out of reach of children.
Avoid contact with skin and eyes. Use gloves before application
Keep out of freezing, direct sunlight and temperatures above 50°C
Apply in well-ventilated areas
Do not breathe vapor
Do not smoke
Do not expose to open flame

8. Health and Safety

For more information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data.

