

# SELFOAM-GUN

## POLYURETHANE FOAM

## Technical information

### 1. Product Description

**Selfoam Gun** Grade 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.
- Applied with gun
- Easy to use.
- Not clogged when the application is paused for a short period of time.
- Requires less cleaning needs.
- Changing the tube can be made faster.

### 3. Technical Information

Chemical Base:	Polyurethane		
Curing Mechanism:	Atmospheric Moisture		
Density:	23 ± 3 kg/m <sup>3</sup>		
Skin formation:	approx. 10 min.		
Ready-to-cut time:	15–30 min.		
Fire properties:	B3		
Tensile strength:	9 N/cm <sup>2</sup>		
Elongation:	25%		
Shear strength:	5 N/cm <sup>2</sup>		
Compressive strength:	4 N/cm <sup>2</sup>		
Temperature resistance:	-40 °C to +100 °C (cured)		
Volume Expansion:	40–45 lt	(840 g – 750 ml)	Selfoam Yellow
	30–35 lt	(630 g – 750 ml)	Selfoam Purple

### 4. Application Details

Application Temperature:	min. +5 °C
Temperature Resistance:	-40 °C to +100 °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.

Selfoam Gun Grade PU Foam is used for;

- Assembling and sealing of windows and door frames,
- Filling of cavities,



- Sealing of openings in all roof constructions,
- Thermal and acoustic insulation.

**5. Packaging**

750 ml – 750 g x 12 per box      Selfoam Yellow

750 ml – 630 g x 12 per box      Selfoam Purple

**6. Colors**

Foam Color:    Yellow

**7. 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.

**8. Caution**

Keep out of reach of children.

Avoid contact with skin and eyes.

Use in well-ventilated places.

Don't breathe vapors.

Do not smoke when using the product.

**9. 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.