

Sticks-Z

EXPANDING FOAM

Product Data Sheet

Sticks-Z Expanding Foam is a polyurethane based, moisture cured, one component filling and insulation material.

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.

Technical Information

Chemical Base:	Polyurethane
Curing Mechanism:	Atmospheric Moisture
Density:	$20 \pm 3 \text{ kg/m}^3$
Skin formation:	5-6 min.
Ready-to-cut time:	25 min.
Dimensional Stability:	-1,66 %
Compression Strength:	25 kPa
Tensile Strength:	35,7 kPa
Shear Strength:	30,57 kPa
Bonding Strength:	6,40 MPa
Yield:	600-800 g<45 lt

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.



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Application Details

Uses:

- Assembling and sealing of windows and door frames
- Filling of cavities
- Sealing of openings in all roof constructions
- Thermal and acoustic insulation

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 the application of PU foam. The most suitable 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.

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 vapour.

Do not smoke or expose to open flame

