



POLYURETHANE FOAM

TACSA PU foam is a single-component, expandable polyurethane foam and it is moisture hardening. It is perfect for assembly and construction projects, and it is recommended for fastening, sealing and insulating. It is resistant to weatherability, but it is necessary to protect the foam from UV radiation (paint it if it remains exposed.) It is resistant to steam, but if it is exposed to constant steam, it is necessary to protect the foam with paint. It does not bond to Teflón[™]*, silicone, PP (polypropylene) and PE (polyethylene.)

Specifications and presentation

Feature	Unit	Value
Thickness	kg/m ³	18 - 26
Dry to the touch	min	5-10
Thermal conductivity	W/K.m	0,03
Tensile strength	kPa	≥ 60
Resistance to cut	kPa	≥ 70
Temperature resistance	°C	-30 a 80
Presentation	Cartridges with dispense trigger 300ml / 500ml / 750ml	

Applications

- Fastening, sealing, general finishing.
- Thermal and acoustic insulation.
- It bonds on concrete, plaster, wood.

Instructions for use

- Shake before application for a minimum of 2 minutes.
- The surface has to be clean and free of dust and grease.
- Spray the application surface with water.
- The can temperature should be between +10° C and +30° C
- The optimal can temperature is +20° C, if the can temperature is too low, the product shall be placed in warm water at +30° C for 15 minutes.
- Keep the spray upside down.
- Apply the foam with the dispense trigger.
- Fill 1/3 of the space, the foam will spread itself up to 3 to 4 times its volume.
- In areas greater than 50mm, apply the foam in different tiers. Let the first application harden before applying the second one.
- If the application stops for more than 5 minutes, remember to shake the can before continuing.
- After the foam hardened, it can be cut, sanded and painted.
- Dry to the touch after 10 minutes, it can be cut after 30 minutes. Total curing takes place after 24h, (curing times may vary according to the room temperature and humidity).

Warranty

TACSA warrants this product for one (1) year of storage in its original package. Do not store at temperatures above 50° C.

The provided information is based on experimental results under controlled temperature and humidity conditions, and its repetitiveness depends on external conditions, application methods and tools used. TACSA shall not be held liable for any loss, injury, damage or detriment resulting from an incorrect handling or misuse of the product. Its suitability shall be previously determined for the intended purpose.

*Teflon[™] is a brand that belongs to Chemours[™]

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