

OLIVÉ PU-46

HIGH YIELD STRAW FOAM

Technical Data Sheet - Version 1.0 - July '17



PRODUCT DESCRIPTION:

OLIVÉ PU-46 is a one-component self-expanding construction polyurethane foam with a high-quality structure which cures by reacting with the moisture from the air and the substrates.

OLIVÉ PU-46 is easy to use with its convenient straw applicator and once cured is a very good temperature and sound insulator with very excellent adhesive properties.

Cured foam dries rigid and can be trimmed, shaped and sanded, but is sensitive to UV-light and direct sunlight.

MAIN BENEFITS:

- Adheres well to most building materials.
- Water resistant. Gives effective insulation against damp.
- High yield.
- Excellent thermal and acoustical insulation.
- No shrinkage after curing. Stable foam dimensions.
- Low pressure during curing process, without risk of deforming construction elements.
- Can be painted or coated when fully cured.

ENVIRONMENTAL REGULATIONS:

- French VOC-emission class A+.
- It contains propellant gases that are harmless to the ozone layer.

PACKAGING INFORMATION:

1000 ml aerosol can, content 750 ml,
12 pcs in a box.

STORAGE:

The cans must be stored and transported in vertical position.

Store in a cool and dry place at temperatures between +5 °C and +30 °C.

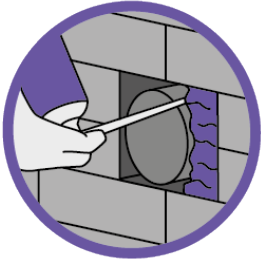
The foam cans must not be stored above +50 °C, in the vicinity of heat sources or in direct sun light.

Guaranteed storage time in unopened package is 12 months. The 'Best Before' date is shown on the pack.



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

FIELDS OF APPLICATION:



Used for installing doorframes and windows, insulation and fixation of pipes and air conditioning conducts, filling of holes and gaps as well as for acoustic and thermal insulation. Insulation of pipe penetrations and electrical wiring.

TYPICAL TECHNICAL DATA:

Colour:		Light yellow
Tack free time:		12-16 minutes
Cutting time (30 mm bead):		30-40 minutes
Completely cured in joint (at +23 °C):		Max. 18 hrs.
Completely cured in joint (at +5 °C)		Max. 24 hrs.
Density:		25-30 Kg/m ³
Fire class of cured foam:	(DIN 4102-1)	B3
Volume decrease:		Max. 2%
Expanding volume:		2 – 2,5 times
Flash point of cured foam:		400°C
Tensile strength:	(BS 5241)	11 N/cm ²
Compression strength at 10% deformation:	(DIN 53421)	2 N/cm ²
Thermal conductivity:		0,03 W/(m x K)
Application temperature: (ambient)		+5°C to +30°C
Can temperature:		+10°C to +25°C
Temperature resistance of cured foam:		-50°C to +90°C (long term) -65°C to +130°C (short term)

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified. Lower temperatures decreases yield and curing time is extended.

DIRECTIONS FOR USE:

A. Application conditions:

Usage temperature between +5 °C and +30 °C, best results at +20 °C. Recommended can temperature during application +10 °C to +25 °C, best results at +20 °C. At low temperatures foam can must be warmed before work in warm room or water. Temperature of room or water must not exceed +30 °C.

B. Application instructions:

Protect eyes and wear gloves and working clothes. Protect with paper or plastic all surrounding areas.

Hold the foam can in upright position. Screw the applicator (straw) to the foam can valve.

Shake the can at least 20 times before use. For application, turn the applicator upside down and press the applicator trigger. The foam output can be adjusted by the pressure applied to the straw trigger.

Substrates must be clean from ice, dust, oil, loose particles and grease. Substrates should be moistened as the foam expands due to the moisture. A moistened surface ensures better results. (If no moisture is available, foam will collapse into itself as it cures).

Half fill the cavity and spray lightly the foam with water. The foam will expand to fill the rest. When fixing window frames, hold the frame in place for approximately 24 hours until the foam is fully cured.

Cured foam can be painted with water-based paints.

C. Cleaning

Uncured foam can be cleaned from tools and surfaces with OLIVÉ CLEANER R-47. Cured foam can be removed mechanically.

Remarks:

Unsuitable for fire protection.

There is no adhesion to PE, PP, PTFE (Teflon®) and silicones. Due to the wide variety of possible substrates, we recommend a preliminary compatibility test.

Cured foam is sensitive to UV-light and direct sunlight. (It will discolor).

Cans should always be stored in upright position.

Safety:

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

The product contains flammable propellants. Protect from overheating and keep away from ignitions sources. Do not smoke during work.

May cause sensitisation by inhalation and skin contact. Ensure sufficient ventilation during application. Wear safety glasses and gloves. Keep out of the reach of children.

Cured foam can be handled without any danger to health.

Detailed safety information is available on safety data sheet (SDS).

GUARANTEE INFORMATION:

Olivé Química warrants that its product complies, within its shelf life, to its specification.

If any responsibility were to be considered ours, this would be only for any damages and for the value of the merchandise supplied by us and used by the customer. It is over understood that we warranty the irreproachable quality of our products in accordance with our General Conditions of Sales and Supply.

Liability

The information in this document, in particular recommendations regarding the application and final use of our products, are given in good faith based on our knowledge and is the result of tests and experience and are intended as guidelines. It is the responsibility of the user to determine whether the product is suitable for the application. Due to the great variety of materials and conditions, which are beyond our knowledge and control, we recommend carrying out sufficient previous trials.

The property rights of third parties must be respected.

This TDS replaces and supersedes all previous data sheets on the same product.

Olivé

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