TKK
PU FOAM

TOP FOAM WINTER (hand held)

ONE-COMPONENT POLYURETHANE FOAM FOR INSTALLATION OF WINDOWS, DOORS AND FILLING OPENINGS EVEN IN WINTER CONDITIONS

FEATURES AND BENEFITS

- TOP FOAM WINTER polyurethane foam is designed for installing windows, doors and filling of construction openings and insulating even in winter conditions up to -5 °C.
- It hardens with air humidity.
- Hardening time is 2 – 8 hours.
- 5–10 minutes after application, it is no longer sticky to the touch.
- After application, it expands to 2–3 times its volume.
- Exceptional adhesion to all building materials.
- Once hardened, the foam ensures a strong joint and excellent insulation.
- After completing the work, it is necessary to protect the foam from UV light.
- To be applied using a mounting adapter

TESTS AND CERTIFICATES

GEV-EMICODE	EC-1 PLUS (very low emission)

AREAS OF APPLICATIONS

It is used in building industry for installing (windows and door frames), filling construction openings and insulating. It allows fast filling and sealing against cold, draught and noise. It is also useful for thermal insulation of plumbing and heating systems, mounting in electrical installations and ventilation systems, etc.

INSTRUCTIONS FOR USE

Shake the can thoroughly before using it with the valve facing down. Then remove the protective cover, tighten the nozzle with the tube, turn the can upside down and start applying the foam by pressing the

valve. Always work with the can vertically and the valve pointing downwards for maximum efficiency. After the work is interrupted, clean the tube and valve with the TKK PU FOAM CLEANER. Hardened foam can be removed from the can and surfaces only mechanically. Clean the surface thoroughly before applying the foam. We also recommend moistening surfaces, but only at temperatures above 0 °C . The optimal can temperature during use should be between 20 °C and 25 °C and not less than 0 °C . In case of lower can temperature, immerse the can in warm water at a maximum temperature of 40 °C for about 20 minutes. When filling an opening wider than 5 cm, work in layers. Apply the second layer after the first layer has dried. Once the foam has hardened, cut it with a sharp knife. Then you can begin the finishing work, such as plastering, applying sealant, repainting, and so on.

TECHNICAL DATA

Volume:	FEICA OCF TM 1003	33–38 l (freely foamed) (750 ml)
Adhesive density:	FEICA OCF TM 1019	17–20 kg/m^3
Application temperature:		min. -5 °C to +25 °C (surface), 0 °C (can)
Tack free time:	FEICA OCF TM 1014	5–10 min.
Cutting time:	FEICA OCF TM 1005	35–45 min.
Hardening time:		2 to 8 hours, depending on temperature and humidity
Temperature resistance:		from –40 °C to +90 °C
Dimensional stability:	FEICA OCF TM 1004	max. ± 5 %
Water absorption:	DIN 53428	max. 1 vol.%
Compressive strength:	FEICA OCF TM 1018	0.04-0.05 MPa
Tensile strength:	FEICA OCF TM 1011	0.12-0.14 MPa
Elongation at break:	FEICA OCF TM 1018	20–25 %
Thermal conductivity:	DIN 52612	0.039 W/(m K) at 20 °C
Flammability class:	EN 13501-1	F

PACKAGING

750 ml aerosol can
other packing methods are available upon request

STORAGE

18 months (from +5 °C to +25 °C), even at lower temperatures (e.g. transport) for shorter periods. Higher temperatures shorten storage life. Store cans in an upright position!

HEALTH, SAFETY, HANDLING AND DISPOSAL INFORMATION

Additional safety information, safe handling instructions, information on personal protective equipment, and disposal information can be found in the safety data sheet. The safety data sheet is available on request. You can also obtain a copy from your TKK sales representative.

WARNING

The information given is based on our tests and practical experience. However, due to specific conditions and working methods we recommend preliminary tests for each case of use.

FEICA is the Association of the European Adhesive and Sealant Industry and is a multinational association representing the European Adhesive and Sealant Industry. All Feica standards for PU foam are available on:
http://www.feica.eu/our-industry/pu-foam-ocf/ocf-test-methods.aspx

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