

FIRESTOP FOAM [hand held]

ONE-COMPONENT MODIFIED POLYURETHANE FOAM WITH LOW FLAME SPREAD CHARACTERISTICS FOR FIRE ZONES

FEATURES AND BENEFITS

- FIRESTOP FOAM is a polyurethane foam designed specifically for filling, insulating, and mounting between zones where higher flame resistance is required.
- Foam is modified and has low flame spread characteristics.
- Hardens with air humidity.
- Hardening time is 1.5 – 5 hours, 5 – 10 minutes after application, it is no longer sticky to the touch.
- It adheres well to all construction materials, including wood, concrete, gas concrete, brick, metal, glass, and aluminium.
- After application, it expands to 2–3 times its volume.
- Hardened 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 with a tube.



TESTS AND CERTIFICATES

DIN 4102-1

EN 13501-1

EN 13501-2

BS 476, part 20

GEV-EMICODE

CERTIFIRE CERTIFICATE

B1

B – s1, d0

EI 240

EC-1 PLUS [very low emission]

FIELD OF APPLICATION

Filling, insulating and mounting between zones where higher flame resistance is required (electrical installations, penetrations, fire doors, vaults)

USAGE INSTRUCTIONS

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 TTK PU FOAM CLEANER. Hardened foam can be removed from the can and surfaces only mechanically. Clean and moisten the surface thoroughly before application. The can temperature during use should be between 20 and 25°C. Sound insulation: 58 dB. Flammability: B1 [DIN 4102, part 1] Attestation No.: 150740 MPA HANNOVER; EI 240 [EN 13501-2] Attestation No.: KB 3.2/16-129-9 MFPA Leipzig; [BS 476, part 20] Attestation No.: WF 364023A/364023B Warringtonfire

TECHNICAL DATA

Volume:	FEICA OCF TM 1003	33–38 l [freely foamed] (750 ml)
Foam density:	FEICA OCF TM 1019	22–26 kg/m ³
Application temperature:		min. +5°C [surface], 20–25°C [can]
Tack free time:	FEICA OCF TM 1014	5–10 min.
Cutting time:	FEICA OCF TM 1005	25–30 min.
Hardening time:		1,5–5 hours, depending on temperature and humidity
Temperature resistance:		–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 1011	0.04–0.05 MPa
Tensile strength:	FEICA OCF TM 1018	0.12–0.14 MPa
Elongation at break:	FEICA OCF TM 1018	15–20%
Thermal conductivity:	DIN 52612	0.039 W/(m K) at 20°C
Flammability class:	DIN 4102-1	B1
	EN 13501-1	B – s1, d0
	EN 13501-2	EI 240
	BS 476, part 20	

PACKAGING

750 ml aerosol can

other packing methods are available upon request

STORAGE

12 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. Safety data sheet available on request. You can also obtain a copy from your TTK 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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