TKK
PU FOAM
WINDOW & DOOR (hand held)

ONE-COMPONENT LOW-EXPANSION POLYURETHANE FOAM FOR PROFESSIONAL INSTALLATION OF WINDOWS & DOORS

FEATURES AND BENEFITS

- WINDOW & DOOR polyurethane foam is specially designed for professional installation of windows & doors.
- It hardens with air humidity and expands very little after application.
- 5–10 minutes after application, it is no longer sticky to the touch, hardening time is 1.5 – 5 hours.
- It adheres well to all construction materials, including wood, concrete, gas concrete, brick, metal, and aluminum.
- Precise foam dosage and fast hardening enables a faster completion of finishing works and economical consumption.
- 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 gun.

TESTS AND CERTIFICATES

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

FIELD OF APPLICATION

Fast and professional installation of window & door frames, for adhesion and attachment of various construction materials such as: wooden stairs, window sills, etc.

USAGE INSTRUCTIONS

Shake the can thoroughly before using it with the valve facing down, remove the protective cover and screw onto it the nozzle with a tube. Turn the can upside down and begin 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 can and tube with the TKK PU FOAM CLEANER. Hardened foam can be removed only mechanically. Surfaces to which the foam is applied must be clean and free of dust

and grease. We recommend moistening the surfaces with water prior to application. The optimal can temperature during use is 20 – 25 °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 larger than 5 cm, work in layers. Only apply the second layer after the first layer has hardened. Once the foam has hardened, cut it with a sharp knife. Then you can begin the finishing work, such as plastering, applying sealant, gluing, repainting, etc.

TECHNICAL DATA

Volume:		36-40 l free foamed (750 ml)
Foam density:	FEICA OCF TM 1019	20–25 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. %
Compression strength:	FEICA OCF TM 1011	0.04-0.05MPa
Tensile strength:	DIN 53455	0.12-0.14MPa
Elongation at break:	FEICA OCF TM 1018	20–25%
Thermal conductivity:	DIN 52612	0.036W/(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. Safety data sheet 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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