

ONE COMPONENT LOW-EXPANSION POLYURETHANE ADHESIVE IS DESIGNED FOR FIXING THERMAL INSULATION BOARDS TO SUBSTRATES PROTECTED BY BITUMEN MATERIALS

FEATURES AND BENEFITS

- BITUMEN ADHESIVE has good adhesion to EPS, XPS boards and bitumen insulation materials.
- It hardens by air humidity.
- It is resistant to ageing and enables easy use and optimal dosages.
- Hardening time is 1.5 to 2 hours, but it tack-free 5 to 10 minutes after application.



TESTS AND CERTIFICATES

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

FIELD OF APPLICATION

Adhesive is suitable especially for bonding insulation boards to the basement walls protected with bitumen materials. Polyurethane adhesive has low post-expansions and good adhesion to EPS, XPS boards and bitumen insulation materials. Plates should be adequately anchored and covered with soil or a different drainage material at least 14 days after the application of the adhesive.

USAGE INSTRUCTIONS

Substrates must be clean, free of dust, grease, and other impurities. The contents of the dose should be at room temperature. If the dose is colder, heat it in warm water with a maximum of 40°C for about 20 minutes. Shake the can with the valve facing down well before use. Then you screw it onto the gun and press the cock for about 2 seconds to fill the gun with foam. By pressing gun, the foam is released. Apply the polyurethane adhesive to the insulation board in three horizontal lines that are approximately equally spaced from each other. Side coatings should be 3 - 5 cm from the edge of the board. Before bonding, wait 1 minute for the glue to expand properly and lightly press the board onto the substrate. In the next 10 to 15 minutes, you can still align the attached board. Adjust the desired amount of foam at the gun

with the screw on the back of the gun. For best results, always work with the dose in a vertical position with the valve facing down. When changing the dose, shake the new dose well, remove the empty dose and immediately replace it with a new one, otherwise the foam may solidify in the gun adapter. For short interruptions in work, tighten the screw on the back of the gun, and leave the can screwed on the gun. The can must be pressurized and at least half full to prevent the foam from solidifying in the gun. Clean the gun with TTK PU FOAM CLEANER during longer work interruptions. Hardened foam on the gun nozzle and other surfaces can only be removed mechanically. Curing can be accelerated by sprinkling the foam with water. You must protect the hardened foam from UV light. When the foam is hardened, trim it with a sharp knife. Then you can start with the final parts. With one 750 ml dose, you can attach approximately 12 to 16 m² of insulation.

TECHNICAL DATA

Amount:		60–80 linear meters [750 ml]
Specific density of the adhesive:	FEICA OCF TM 1019	16–18 kg/m ³
Application temperature:		min. +5°C [surface], 20–25°C [can]
Tack free time:	FEICA OCF TM 1014	5–10 min.
Opening time:	FEICA OCF TM 1015	10–15 min.
Hardening time:		1,5–2 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.%
Compression strength:	FEICA OCF TM 1011	0,04–0,05 MPa
Tensile strength:	FEICA OCF TM 1018	0,07–0,08 MPa
Elongation at break:	FEICA OCF TM 1018	20–30%
Flammability class:	EN 13501-1	E

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 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>

TKK TKK d. o. o. · Srpenica 1, 5224 Srpenica, Slovenia
+386 (0) 5 38 41 300 | info@tkk-group.com | www.tkk-group.com