

FAST FIXING ADHESIVE [gun grade]

ONE-COMPONENT LOW-EXPANDING POLYURETHANE ADHESIVE FOR FAST AND EXTREMELY STRONG BONDING OF VARIOUS BUILDING MATERIALS

FEATURES AND BENEFITS

- FAST FIXING ADHESIVE is a polyurethane adhesive with good adhesion to bricks, concrete, gas concrete, stone, wood and other construction and insulation materials.
- To be applied using a mounting gun.
- Hardens with air humidity.
- Precise adhesive dosage and fast hardening enables a faster completion of finishing works and economical consumption.

Advantages of gun polyurethane foam over foam with a mounting adapter:

- lower consumption due to more accurate dosing
- easier handling and work
- no leakage or dripping from the gun nozzle
- less cleaning
- quick can replacement
- faster completion of works



TESTS AND CERTIFICATES

EN 13501 – 1
GEV-EMICODE

E
EC-1 PLUS [very low emission]

FIELD OF APPLICATION

One-component low-expanding polyurethane adhesive is used for adhesion and attachment of various construction materials, such as wooden stairs, window sills, insulation materials (EPS and XPS Styrofoam panels, OSB panels, gypsum boards), hangers, etc.

USAGE INSTRUCTIONS

Apply the adhesive on a slightly moist surface in narrow lines and wait for about one minute, then you can place the mounting element onto the adhesive. Even in case of bonding insulating materials, clean and moisten the surface beforehand. It is important to apply the adhesive in a distance of at least 3 cm from the edge of the panel/material to be bonded and on the surface of the panel/material in a W-shaped pattern. After application, wait for 1 minute and then bond the material. Apply the adhesive in such an amount as to cover at least 40% of the surface of the material to be bonded. If bonding heavy materials such as gypsum board to vertical surfaces, additional anchorage is necessary. Slight material

positioning can be done within 1 minute after bonding to the wall. After 15 minutes, the polyurethane adhesive will have adequate mechanical strength and you can continue with your work. One 750 ml can suffices for 50–70 linear meters [the average adhesive application diameter is 2–3 cm]. The surfaces to which the adhesive is applied must be clean and free of dust and grease. We recommend moistening the surfaces with water prior to application. Moistening is important as it improves adhesion and speeds up the hardening of the adhesive. 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. Shake the can thoroughly before using it with the valve facing down, remove the cover and screw it onto the gun using a black adapter. The release of adhesive is initiated by pressing the trigger. Always work with the can vertically and the valve pointing downwards for maximum efficiency. Set the desired adhesive outflow with the adjustable screw on the back of the gun. When changing the can, shake the new can thoroughly, remove the empty can, and immediately replace it with a new one, otherwise the adhesive in the adapter may solidify. In the event of a brief interruption in work, keep the can tight on the gun by tightening the screw on the back of the gun. If the work is interrupted for a longer time period, clean the fresh adhesive from the gun using the TTK PU FOAM CLEANER. The hardened adhesive can be removed from the gun nozzle and other surfaces mechanically.

!

TECHNICAL DATA

Volume:		50–70 linear meters [750 ml]
Application temperature:		min. +5 °C [surface], 20–25 °C [can]
Tack free time:	FEICA OCF TM 1014	1–2 min.
Cutting time:	FEICA OCF TM 1005	10–12 min.
Hardening time:		15 to 45 minutes, 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	0.16–0.18MPa
Thermal conductivity:	DIN 52612	0.036W/(m K) at 20°C
Flammability class:	EN 13501-1	E

PACKAGING

750 ml aerosol can

other packing methods are available upon request

STORAGE

15 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