

## FAST FIXING ADHESIVE [hand held]



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

#### **FEATURES AND BENEFITS**

- FAST CONSTRUCTION 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.

#### **TESTS AND CERTIFICATES**

GEV-EMICODE

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. 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. Then remove the protective cover, tighten the nozzle with the tube, turn the can upside down and start applying the adhesive by pressing the valve. Always work with the can vertically and the valve pointing downwards for maximum efficiency. If the can is not used in full, clean the valve and tube using the TTK PU FOAM CLEANER. The hardened adhesive can be removed from the can and other surfaces mechanically.

#### TECHNICAL DATA

Volume:		33 – 38 l [free foamed] [750 ml]
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	20 – 25 min.
Hardening time:		1,5 to 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	0.12–0.14 MPa
Thermal conductivity:	DIN 52612	0.039W/(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 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](mailto:info@tkk-group.com) | [www.tkk-group.com](http://www.tkk-group.com)