

## 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 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 adapter.
- It hardens with air humidity.
- Precise adhesive dosage and fast hardening enables a faster completion of finishing works and economical consumption.
- The advantage of a low-expansion formulation is that it allows for bonding, fixing, and sealing.

#### 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 at least 3 cm from the edge of the panel/material to be bonded, and then in a W-shaped pattern onto the surface of the panel/material. When gluing the material, use enough adhesive to cover at least 40% of the surface. If bonding heavy materials such as gypsum board to vertical surfaces, additional anchorage is necessary. After 1.5–5 hours, the polyurethane adhesive will reach sufficient mechanical strength to allow you to continue working. 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. In case of interruptions in work clean the fresh adhesive from the tube and valve using the TTK PU FOAM CLEANER. The only way to remove the hardened adhesive from the can and other surfaces is mechanically.

#### TECHNICAL DATA

Volume:		33–38 l (freely 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:		from –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:	DIN 53455	0.12-0.14 MPa
Thermal conductivity:	DIN 52612	0,039 W/(m K) at 20 °C
Flammability class:	EN 13501 – 1	F

#### PACKAGING

aerosol can 750 ml, 500 ml  
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. The safety data sheet is 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)