

ROOF TILE ADHESIVE (hand held)

ONE-COMPONENT LOW-EXPANDING POLYURETHANE ADHESIVE FOR EASY AND RELIABLE FIXING OF ROOF TILES

FEATURES AND BENEFITS

- ROOF TILE ADHESIVE is a polyurethane adhesive designed specifically for fixing roof tiles.
- It is a simpler, cheaper, and more reliable alternative to classic mortars and adhesive compounds.
- The adhesive adheres to the roof tiles and the substrate and expands minimally.
- It hardens with the help of air humidity.
- Hardening time is 1,5 – 5 hours, 5 – 10 minutes after application, it is no longer sticky to the touch.
- Resistant to ageing.
- It must not reach the visible parts of the roof due to lack of resistance to UV rays.
- To be applied using an adapter with a tube.



TESTS AND CERTIFICATES

GEV-EMICODE

EC-1 PLUS (very low emission)

FIELD OF APPLICATION

The one-component low-expanding polyurethane adhesive is designed specifically for bonding and fixing roof tiles on a roof base.

USAGE INSTRUCTIONS

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. The surfaces to which the adhesive is applied must be clean and free of dust and grease. Before application, it is recommended to moisten the surfaces with water, but only at temperatures

above 0°C. The optimal can temperature during use is 20 – 25°C. One 750 ml can suffices for approx. 5 to 8 m² of roof.

TECHNICAL DATA

Volume:		45–60 linear meters [750 ml]
Adhesive density:	FEICA OCF TM 1019	20–22 kg/
Application temperature:		min. +5°C [surface], 20–25°C [can]
Tack free time:	FEICA OCF TM 1014	5–10 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.%
Compressive strength:	FEICA OCF TM 1011	0.04–0.05 MPa
Tensile strength:	FEICA OCF TM 1018	0.12–0.14 MPa
Elongation at break:	FEICA OCF TM 1018	20–25%
Thermal conductivity:	DIN 52612	0.039 W/ [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>



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