TKK
PU FOAM

INTERIOR DOOR EXPERT 2K (hand held)

TWO-COMPONENT POLYURETHANE FOAM FOR QUICK INSTALLATION AND FILLING IN PLACES WITH NO AIR HUMIDITY

FEATURES AND BENEFITS

- INTERIOR DOOR EXPERT 2K is a two-component polyurethane foam used for more complex filling, insulation, and installation in rooms with no air humidity.
- It has a good adhesion to most building materials.
- Hardened foam ensures a strong joint and excellent insulation.
- It hardens chemically.
- The skin formation time is 5 – 10 minutes, hardening time is 45 –60 minutes.
- To be applied using a mounting adapter with a tube.

TESTS AND CERTIFICATES

EN 13501-1	E
EN ISO 717-1	62 dB
GEV-EMICODE	EC-1 PLUS (very low emission)

FIELD OF APPLICATION

Fast installation of door frames, it is very suitable for filling openings, insulating, and bonding in places with no air humidity.

USAGE INSTRUCTIONS

Installation instructions: 1. Wedge the door frame at not less than five points. The distance between the frame and the wall can be a maximum of 25 mm. The substrate must be clean, solid, and free of dust and grease. 2. Remove the protective cover of the can and screw onto it the adapter with a tube. 3. Turn the black rotatable ring at the bottom of the can at least 6 times in the direction of the arrow to activate the internal can. 4. Shake the can thoroughly about 20 times. If it is cold, shake it even more times. 5.

Turn the can making the valve face downwards and begin with the application immediately, because after rotating the rotatable ring you only have 6 minutes to apply the foam, then the foam hardens in the can. The foam coming out of the can must be evenly light green, otherwise you must repeat points 3 and 4 and immediately continue applying the foam. The foam expands 2 to 3 times. For safety reasons remove the wedges after 2 hours. TKK PU FOAM INTERIOR DOOR 2K (2-COMPONENT) has a good adhesion to most building materials. The can temperature during use should be 10–25°C, as reaction heat is produced when mixing the two-component system, hence the can should not be used if warmer than 25°C (in this case it should be cooled in cold water). Remove fresh foam residues using the TKK PU FOAM CLEANER or remove hardened foam mechanically. Protect the hardened foam from UV light.

TECHNICAL DATA

Volume:	FEICA OCF TM 1003	12–14 l (freely foamed) (400 ml)
Foam density:	FEICA OCF TM 1019	30–35 kg/m^3
Application temperature:		min. +5°C (surface), 10–25°C (can)
Tack free time:	FEICA OCF TM 1014	5–10 min.
Cutting time:	FEICA OCF TM 1005	15–20 min.
Hardening time:		45–60 min.
Temperature resistance:		–40°C to +90°C
Dimensional stability:	FEICA OCF TM 1004	max. ± 5 %
Water absorption:	DIN 53428	max. 0.3 vol.%
Compressive strength:	FEICA OCF TM 1011	8–12 N/cm^2
Tensile strength:	FEICA OCF TM 1018	20–25 N/cm^2
Thermal conductivity:	DIN 52612	0,029 W/(m K) at 20°C
Sound insulation:	EN ISO 717-1	62 dB
Flammability class:	EN 13501-1	E

PACKAGING

400 ml aerosol can

STORAGE

12 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 TKK 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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