

TEKAPUR PLUS XXL (hand held)

PROPERTIES

Tekapur Plus XXL hand held provides good sound and thermal insulation. It adheres well to most construction materials such as wood, concrete, porous concrete, brick, metal, glass and aluminium, but not to polyethylene, silicone and PTFE.

Advantages of Tekapur Plus XXL hand held foam compared to Tekapur Standard hand held are:

- 30% greater output,
- faster hardening,
- better mechanical properties,
- less pressure is developed.

The foam output is much easier to control with the Plus adapter than with the normal adapter.

TESTS AND CERTIFICATES

GEV-EMICODE EC-1 PLUS (very low emission)

USE

It is used in construction industry for sealing, filling, insulating, fixing and mounting of window and door frames. The special Plus adapter allows you to get foam similar to gun foam without the gun as well as a 30% greater volume than with the Tekapur Standard hand held foam.

TECHNICAL DATA

Volume	FEICA OCF TM 1003	40–45l (free foamed) (750ml)
Specific density	FEICA OCF TM 1019	16–20 kg/m ³
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		1,5–5 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.%
Compression 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	0,036 W/(m K) at 20°C
Flammability class	EN 13501-1	F



Tekapur Plus XXL hand held is a one-component polyurethane foam hardening by air humidity. Its special formulae and special adapter Plus produce foam with better characteristics than Tekapur Standard hand held foam.



30% more foam volume



For wider joints



Sound insulation

APPLICATION

Surfaces should be clean, free of dust, grease and other impurities. Dry and porous surfaces should be moistened with water. The optimal temperature of can at work is room temperature. At lower temperature put the can into warm water with max. temperature of 40°C for about 20 minutes. Before use shake can thoroughly with the valve upside down. Remove the protection cap and screw on the nozzle with a tube. Turn the can with the valve upside down and apply pressure on the valve to activate the foam. You only have to fill the gap partially as the foam expands from 20 to 30% after application. If you are filling a gap wider than 5cm, work in layers. Apply the second layer once the first one has hardened. You can speed up the process of hardening by spraying the foam with water. Once hardened, foam should be protected against UV light. Once the foam has hardened, cut it with a sharp knife and finish with plastering, sealing, covering, painting etc. If you do not use the entire can clean the valve with the TEKAPUR cleaner or acetone. Hardened foam can only be removed mechanically.

PACKAGING

- aerosol can of 750ml
 - other packagings are available by agreement
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STORAGE

18 months (from +5°C to +25°C) or at lower temperatures for shorter periods of time (e.g. during transport).

Higher temperatures shorten storage life.

Store the cans in an upright position.

HEALTH, SAFETY HANDLING AND DISPOSAL INFORMATION

Additional information on safety, safe handling instructions and personal protective equipment as well as disposal information are available in a safety data sheet. Safety data sheet is available upon request. You can also ask your TKK distributor for a copy.

WARNING

Instructions contained in this document are based on our research and experience, however, due to specific conditions and working methods we recommend that you perform preliminary tests prior to any application of our products.



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>