TEKAPUR
DRAIN & PIPE (hand held)

PROPERTIES

Tekapur Drain & Pipe hand held is a quickly-hardening foam which adheres well to most construction materials but not to polyethylene, silicone and PTFE.
To ensure good adhesion, surfaces should be clean, free of dust, grease and other impurities such as grease, dust, residues of soil etc. The foam will harden faster if you moist the surface beforehand.

The use of Tekapur Drain & Pipe hand held has numerous advantages compared to cement mortar:

- simplifies and shortens working procedure;
- provides ideal joint
- it is resistant to gasoline, oil, water, see water, diluted acids and alkalis and all bacteria that can be found in ground;
- it remains watertight up to a pressure of 0,5 bar.

TESTS AND CERTIFICATES

DIN 4034–2	remains watertight up to a pressure of 0,5 bar
GEV–EMICODE	EC–1 PLUS (very low emission)

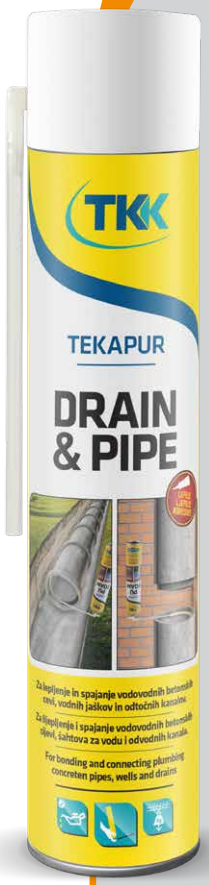
USE

- For bonding of waterworks concrete pipes, drainage shafts and outflow canals;
- For bonding and filling of holes in underground works;
- Sealing and bonding of concrete elements, running water shafts;
- Sealing of cesspools;
- Filling of gaps around pipes.

200ml of foam is needed for bonding concrete pipes with diameter of 1m. That means that one 750ml can can be used to bond 4 pipes of that diameter.

Instructions for use:

- channel bonding - apply the foam in the channel (approximately 3cm thick layer of foam);
- channel and crest - apply the foam on both sides (approximately 2cm thick layer of foam);
- bond has to be made within 5 to 6 minutes, that is, before the crust has been made;
- avoid moving bonded elements for at least for 24 hours.



FEICA®

Tekapur Drain & Pipe hand held is a one-component polyurethane foam which hardens by air humidity and is used for joining concrete pipes.

Hand held

Waterproof

Withstands heavy loads

TECHNICAL DATA

Volume	FEICA OCF TM 1003	33–38l (free foamed) (750ml)
Specific density	FEICA OCF TM 1019	22–25 kg/m^3
Application temperature		min. +5°C (surface), 20–25°C (can)
Tack free time	FEICA OCF TM 1014	7–10 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%
Flammability class	EN 13501–1	F

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 2 to 3 times. You can speed up the process of hardening by spraying the foam with water. If you do not use the entire can clean the valve and the nozzle with a tube with Tekapur Cleaner. Hardened foam can only be removed mechanically.

PACKAGING

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

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

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