

PU-TC



DESCRIPTION OF THE PRODUCT

- Polyurethane foam for roofing tiles, nozzle application

CHARACTERISTICS

- Easy to handle
- Fast hardening, resistant to humidity and low temperatures.
- Professional use, high quality polyurethane foam.
- High performance, strong adherence and long term sealing.
- Very low post-expansion
- Certificate of the uplift resistance of installed tiles according to EN-14437:2007






APPLICATION

- It is used in the construction of roofs for installation, fixing and repair. With a 750 ml can, you can cover approximately 5 to 8 m² of roof.
- The layer of polyurethane foam for roofing files offers extra heat isolation.



BASE MATERIAL



1. RANGE

ITEM	CODE	SIZE	PHOTO	APPLICATION	FIRE RESISTANCE	DESCRIPTION	
1	PUTC750	750 ml.				Polyurethane foam for roofing tiles, nozzle application	12

2. ACCESSORIES

ITEM	CODE	PHOTO	APPLICATION	MATERIAL
1	PUCA01			Application nozzle for polyurethane foams

3. TECHNICAL FEATURES

Feature	Norm	Unit	Value
Volume	[--]	Linear meters [m]	45 – 60 linear meters (750ml)
Specific gravity	FEICA OCF TM 1019	kg/m ³	20 - 22
Application temperature	[--]	°C	min. +5 (surface), 20 – 25°C (can)
Setting time	FEICA OCF TM 1014	Minutes (°C)	5 – 10 min
Cutting time	FEICA OCF TM 1005	Minutes (°C)	20 – 25 min
Hardening time	[--]	hours	1,5 – 5 hours, (it depends on the temperature and humidity)
Temperature resistance	[--]	°C	From -40 to +90
Dimensional stability	FEICA OCF TM 1004	%	max. ± 5
Water absorption	DIN 53428	vol. %	max. 1
Compression strength	FEICA OCF TM 1011	MPa	0,04 - 0,05
Tensile strength	FEICA OCF TM 1018	MPa	0,12 – 0,14
Elongation at break	FEICA OCF TM 1018	%	20 - 25
Thermal conductivity	DIN 52612	W/ (m K)	0,039 at 20 °C
Flammability class	EN 13501 - 1	[--]	F
Storage temperature	[--]	°C	From +5 to +25
Storage	[--]	Months	18

4. APPLICATION	
	<ol style="list-style-type: none"> 1. 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 20-25°C. At lower temperature put the can into warm water (max. T=40°C) for about 20 minutes. Before use shake can thoroughly (about 20 times) with the valve upside down
	<ol style="list-style-type: none"> 2. Remove the protective cap and screw the adapter. Hold the can upside down and activate the foam by pressing the valve.
	<ol style="list-style-type: none"> 3. You can speed up the process of hardening by spraying the foam with water.
	<ol style="list-style-type: none"> 4. It should be considered that the foam would expand 30-50%. If you are filling a gap wider than 5 cm, work in layers. Apply the second layer once the first one has hardened. Once the foam has hardened, cut it with a sharp knife and finish with plastering, covering, painting, etc.
	<ol style="list-style-type: none"> 5. If you do not use the entire can, clean the valve with the PU-CL or acetone. Hardened foam can be removed only mechanically. Cured foam must be protected against UV.