

PU-TP / PU-TPR

DESCRIPTION OF THE PRODUCT

- Polyurethane foam for roofing tiles, gun application

CHARACTERISTICS

- Easy to handle.
- Available in grey and tiles red (RAL 8004)
- Fast hardening, resistant to humidity and low temperatures.
- Professional use, high quality polyurethane foam.
- High performance, strong adherence and long term sealing.
- Allows fast advancement of work
- Certificate of the uplift resistance of installed tiles according to EN-14437:2007



APPLICATION

- It is used in the construction of roof for installation, fixing and repair. With a 750ml can, you can cover approximately 7 to 10 m² of roof.
- The layer of polyurethane foam for roofing tiles offers extra heat isolation.

BASE MATERIAL



1. RANGE								
ITEM	CODE	SIZE	PHOTO	APPLICATION	COLOR	FIRE RESISTANCE	DESCRIPTION	
1	PUTP750	750 ml.					Polyurethane foam for roofing tiles, gun application	12
2	PUTPR750	750 ml.			 RAL 8004		Polyurethane foam for roofing tiles, gun application	12

2.ACCESSORIES				
ITEM	CODE	PHOTO	APPLICATION	MATERIAL
1	PUPI01			Application gun for polyurethane foams.
2	PUPI02			Application gun for polyurethane foams.

3. TECHNICAL FEATURES			
Feature	Norm	Unit	Value
Volume	[--]	Linear meters [m]	60 - 80 linear meters (750ml)
Specific gravity	FEICA OCF TM 1019	kg/m ³	
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 OOCF 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 – 30
Thermal conductivity	DIN 52612	W / (m K)	0,036 a 20°C
Flammability class	EN 13502 - 1	[--]	E
Storage temperature	[--]	°C	From +5 to +25
Storage	[--]	Months	18

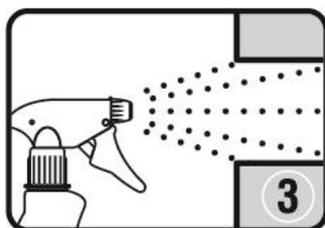
4. APPLICATION



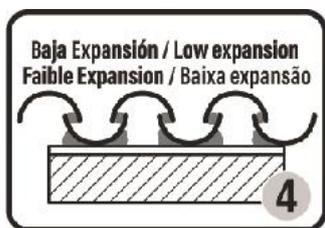
1. Surfaces should be clean, free of dust, grease and other impurities. Dry and porous surfaces should be moistened with water. The optimal temperature of can at work is 20–25°C. At lower temperature put the can into warm water (max. T=40°C) for about 20 minutes. Before use shake can thoroughly (about 20 times) with the valve upside down and screw it onto the gun.



2. Press the trigger and let the foam flow through (ca. 2 seconds). This fills the foam into the extension tube. The pistol is now ready for use. During foam application hold the pistol with the can in vertical position. The output of the foam can be regulated with the trigger and controlled with the adjustment screw on the back side of the gun.



3. You can speed up the process of hardening by spraying the foam with water. When replacing the can, shake the new can vigorously, unscrew the empty can and immediately replace it with new foam can. The can replacement has to be fast to prevent that PU-foam can harden in the adapter. Hardened PU-residues in front of the nozzle can be removed only mechanically.



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.
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.