

## PU-EP



## PRODUCT DESCRIPTION

- Polyurethane adhesive for insulation panels (SATE/ETICS) and drywall sheets

## CARACTERISTICS

- Easy application
- Decreased consumption, cheaper implementation of works
- Savings in terms of transport and storage
- it hardens quickly and is resistant to humidity and low temperatures
- Enables quick progress of work
- A layer of polyurethane adhesive under an insulation plate provides additional thermal insulation
- Waterproof material due to its composition, maximum water absorption is 1%
- Tested according to ETAG 004 European standards

## APPLICATIONS

- Mounting and gluing insulation panels (SATE/ETICS) and drywall sheets
- Sealing of expansion joints
- Excellent adhesion to: concrete, brick, porotherm, drywall, aerated concrete and hollow concrete blocks, Styrofoam, Styrodur, mineral wool OSB's, wood, etc.

## APPLICATION EXAMPLES



## BASE MATERIAL



**1. RANGE**

ITEM	CODE	SIZE	PHOTO	APPLICATION	FIRE RESISTANCE	DESCRIPTION	
1	PUEP750	750 ml.				Standard polyurethane adhesive, gun application	12

**2. ACCESORIES**

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

**4. TECHNICAL FEATURES**

Feature	Standard	Unit	Value
Volume	[--]	Lineal meter [m]	60 – 80 (750 ml)
Specific gravity	FEICA OCF TM 1019	kg/m <sup>3</sup>	16 – 18
Application temperature	[--]	°C	+5 (surface), +20/25 (can)
Tack free time	FEICA OCF TM 1014	Minutes (°C)	6 – 12 (23°C/ 50% de relative humidity)
Hardening time	[--]	hours	1 – 2 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	0.14-0.15
Elongation at break	FEICA OCF TM 1018	%	20-30
Sound insulation	ISO 717-1	dB	58
Thermal conductivity	DIN 52612	W/ (m K)	0.036 at 20 °C
Flammability class	EN 13501-1	[--]	E (B2)
Storage temperature	[--]	°C	From +5 to +25
Storage	[--]	Months	18

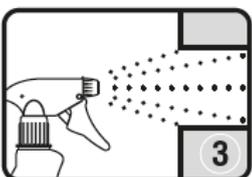
## 5. APPLICATION PROCEDURE



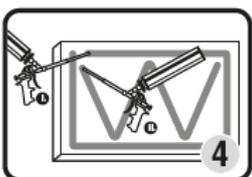
1. Surfaces should be stable, flat and clean. Before applying the polyurethane adhesive, the surface should be moistened with water. The optimal temperature of the can at work is 20-25°C. If the temperature is below that, place the can in warm water. (max. T=40°C) around 20 minutes. Before use shake can thoroughly (about 20 times) with the valve upside down and screw it onto the gun.



2. Remove the cap and thread the can in the gun. During foam application hold the pistol with the can in vertical position and pull the trigger to project the foam



3. You can speed up the process of hardening by spraying the foam with water.



4. 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. PU-EP must be applied onto the edges of the board and then on its surface in the form of W letter as indicated in the picture.