PU-FC



DESCRIPTION OF THE PRODUCT

- Firestop polyurethane foam, nozzle application.

CHARACTERISTICS

- Easy to handle.
- For indoor and outdoor use.
- Controlled expansion.
- Professional use, high quality polyurethane foam.
- High performance, strong adherence and long term sealing.
- Good heat and sound isolation.
- Do not contain any substances classified as CMR (carcinogenic, mutagenic, or reprotoxic).

APPLICATION

- It is used in building industry for sealing, fixing all kind of frames, doors or windows, filling, insulation, fixing and mounting, especially in cases where greater resistance to fire is needed.

BASE MATERIAL



1. RANGE

ITEM	CODE	SIZE	PHOTO	APPLICATION	FIRE RESISTANCE	DESCRIPTION	
1	**PUFC750**	750 ml.				Firestop polyurethane foam, nozzle application	12

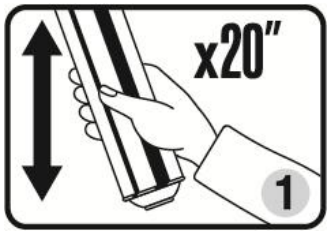
2. ACCESSORIES

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

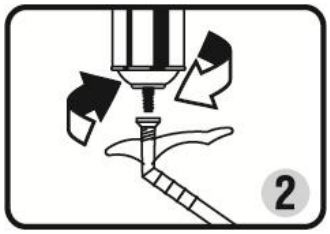
3. TECHNICAL FEATURES

Feature	Norm	Unit	Value
Volume	FEICA OCF TM 1003	Liter [l]	33 – 38 l (free foamed) (750ml)
Specific gravity	FEICA OCF TM 1019	kg/m^3	22 - 26
Application temperature	[--]	°C	min. +5 (surface), 20 – 25ºC (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	%	15 – 20
Thermal conductivity	DIN 52612	W/ (m K)	0,039 at 20 °C
Flammability class	DIN 4102 – 1 EN 13501 - 2 BS 476, parte 20	[--]	B1 EI 240
Storage temperature	[--]	°C	From +5 to +25
Storage	[--]	Months	12

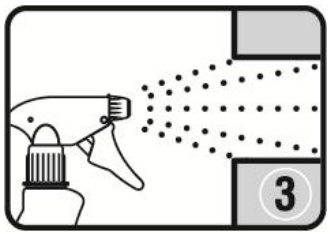
4. APPLICATION



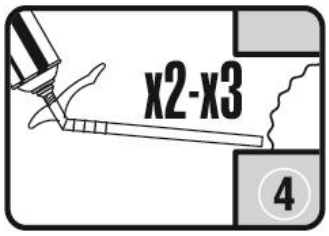
1. Surfaces should be clean, free of dust, grease and other impurities. Dry and porous surfaces should be moistened with water. The optimal temperature of can at work is 20-25°C. At lower temperature put the can into warm water (max. T=40°C) for about 20 minutes. Before use shake can thoroughly (about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



2. Remove the protective cap and screw the adapter. Hold the can upside down and activate the foam by pressing the valve.



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



4. It should be considered that the foam would expand 2-3 times. 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.