
National declaration of performance no. PIRO / 05-2018-09-10

1.Unique identification code of the product-type:

PIRO FOAM PF240

2.Intended use or uses:

Piro Foam PF240 is designed for sealing gaps and expansion joints in building partitions with the possibility of movement of elements up to 7.5%. Piro Foam PF240 can be used to seal gaps and expansion joints between surfaces made of concrete, cellular concrete, ceramic brick, mineral mortar, of plasterboards.

Piro Foam PF240 can also be used to seal the space between the door frames and window and door frames (wooden, steel, PVC), except for doors classified in terms of fire resistance, but it does not replace mechanical fastening to the building partition.

Expansion joints and gaps in walls and ceilings as well as between the wall and the ceiling, sealed with Piro Foam PF240, have been classified in the fire resistance class EI 240 according to the following standards: PN-EN 13501-2: 2016 and PN-EN 13501-1 + A1: 2010.

Piro Foam PF240 should be used in accordance with point 2 of the National Technical Assessment ITB-KOT-2018/0650 1st edition.

3.Producer:

PIROSYSTEM SP. Z OO
ul. Ogrodnicza 3a 83-021 Wiślina

4.Authorized representative:

PIROSYSTEM SP. Z OO
ul. Ogrodnicza 3a 83-021 Wiślina

5. System (s) of assessment and verification of constancy of performance:

System 1

6a. Harmonized standard:

Listed in point 2

Notified body or bodies:

6b. National Technical Assessment:

ITB-KOT-2018/0650 edition 1

Technical Assessment Body:

Notified body or bodies:

Building Research Institute ITB

7. Declared performance:

The National Technical Assessment ITB-KOT-2018/0650 edition 1 issued on September 4, 2018 by INSTYTUT TECHNIKI BUDOWLANEJ confirms suitability for use in construction of the product under the name: Piro Foam PF240.

Item	Essential characteristics	Performance properties	
1	2	3	
1	Apparent density, kg / m ³	pistol version	snakeskin version
		25 ± 15%	29 ± 15%
2	Increase in foam height in the gap (expansion degree)%, applied: -gun - panting with a hose	60 ± 10%	140 ± 10%
3	Cutting time, min.	38 ± 10%	55 ± 10%
4	Water absorption with partial, short-term (24 h) immersion, kg / m ²	≤ 1	
5	Compressive stress at 10% relative deformation, kPa	≥ 25	

6	Tensile strength, kPa	≥ 80
8	Dimensional stability after 48h at +70°C at 90% relative humidity, in the (%) direction: -length and width -thickness (direction of foam growth)	± 5 ± 6
	Reaction to fire class	B-s1, d0

The performance of the product identified above is in conformity with all the declared performance properties listed in point 8. This national declaration of performance is issued in accordance with the Act of April 16, 2004. on construction products, under the sole responsibility of the manufacturer referred to above.

Signed on behalf of the manufacturer by:

Marcin Gierej, M.Sc. President of the Management Board of Pirosystem Sp. z o. o
Wiślina, on September 10, 2018

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