

PIRO FOAM PF 240

FIRE RATED EXPANDING FOAM FOR SEALING: IRREGULAR GAPS AROUND DOORS AND WINDOW FRAMES

More information about the product can be found at:
<https://www.pirosystem.pl/pirofoam-pf240>

DOKUMENTY WPROWADZAJĄCE PRODUKT

National Technical Assessment:	ITB-KOT-2018/0650
Fire classification:	ITB-02706.6/19/Z00NZP
Fire resistance classification:	02706.6/19/Z00NZP
National Declaration of Performance:	PIRO/05-2018-09-10

DANE TECHNICZNE PRODUKTU

Fire resistance class:	do EI 240
Reaction to fire:	B-s1,d0
Color:	pink
Environment class:	Z1, Z2
Storage temperature range:	from +10°C to +30°C
Shelf life:	12 months
Theoretical usage out of a 750 ml spray:	38 dm³ hardened foam
Packaging:	750 ml spray (straw or gun)



TECHNICAL DESCRIPTION:

Fire rated expanding **Piro Foam PF 240** is a one-component, dense polyurethane fireproof foam in a spray. It is supplied in a liquid state in a 750 ml spray in a version with a flexible application straw or with a tip adapted to a dispensing gun. Fireproof foam hardens by absorbing moisture from the air.

INTENDED USE:

Piro Foam PF 240 is intended for fireproof sealing:

- gaps, expansion joints in building partitions constituting fire partitions with a possible displacement of up to $\pm 7.5\%$,
- space between steel structure and partition,
- spaces between frames and window and door frames (wooden, steel, PVC) - the foam does not replace the mechanical fastening of windows and doors to the building partition,
- ideal for filling large, irregular and difficult-to-fill gaps, increasing their volume, fills them completely.

ADDITIONAL INFORMATION:

Works with the use of foam are carried out at a temperature of $+5\text{ }^{\circ}\text{C}$ to $+30\text{ }^{\circ}\text{C}$. The product should not be exposed to direct effects of external weather conditions. The foam is not resistant to UV radiation, it should be protected against its effects by covering it with a suitable material intended for use on building facades, e.g. cement mortar, gypsum mortar, fire-resistant acrylic mass, Flame Cabel A Paste ablation paste or topcoat paint. The time required for the foam to fully cure and volatile flammable components to evaporate in order to achieve full fire resistance is 14 days.

APPLICATION

Before use, the foam should be heated to a temperature of about 15°C and shaken thoroughly, not less than 5 minutes, after shaking, leave the foam for at least 5 minutes to homogenize the mixture. Before applying the foam, clean the joints from dust, rust, grease and loose contamination. To ensure proper hardening, ensure that the surroundings are moist, and if necessary, moisten the substrate with water. After removing the protective cap and attaching the applicator with a straw or a gun, the container is ready for use. The foam is dispensed in an inverted position, with the bottom up. The use of Piro Foam PF240 should be in accordance with the technical documentation prepared for a specific application, taking into account the requirements of Polish standards and construction regulations. After completing the work, mark the completed penetration seal with a label.

CAUTION: The expiry date of the foam is on the bottom of the spray, after this date the product does not lose its fireproof properties, however, the efficiency may be lower and the mixing times should be significantly extended.

APPLICATION OF PIRO FOAM PF 240 WHILE INSTALLATION OF DOOR


Fill the space between the frame and the wall with **Piro Foam PF 240**



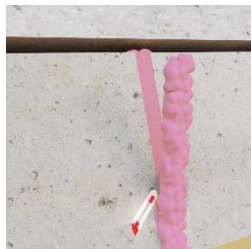
Use a knife to trim off any excess **Piro Foam PF 240**



View of a properly sealed gap between the door frame and the wall

APPLICATION OF PIRO FOAM PF 240 ON EXPANSION JOINTS


Fill the vertical expansion joint tightly with **Piro Foam PF 240**



Use a knife to trim off any excess **Piro Foam PF 240**



Fill the horizontal expansion joint tightly with **Piro Foam PF 240**



Use a knife to trim off any excess **Piro Foam PF 240**



View of a properly sealed horizontal and vertical expansion joint in the wall

More information on applications and instructions can be found at:

<https://www.pirosystem.pl/pirofoam-pf240>

Health and safety recommendations:

The product is intended for use by professional companies in industrial conditions. Work related to the installation of the product should be carried out in accordance with the applicable health and safety and environmental protection regulations. Before starting work with the product, read the Product Safety Data Sheet.

Version 05.2022 replaces 11.2018

The above information is based on our current knowledge and experience. We provide them in good faith. However, due to the variety of methods and conditions of application, they should be verified in specific applications. Therefore, the manufacturer's liability and obligations beyond the conditions set out in the applicable standard are excluded.

PASSIVE FIRE PROTECTION