

Neopor® F 5 PRO — the enhanced grey, flame-retardant EPS with short cycle time and low water uptake for perimeter and roof applications

Neopor® F 5 PRO

New product in Neopor® F 5000 series

Main characteristics:

- Particle size: 0.9–1.4 mm
- Contains PolyFR and graphite
- Pentane content: ~4.5%
- Fire classification E (EN 13501-1)
- High insulation performance
- For boards with very low long-term water absorption by immersion (EN 12087) and diffusion (EN 12088)

Processing characteristics:

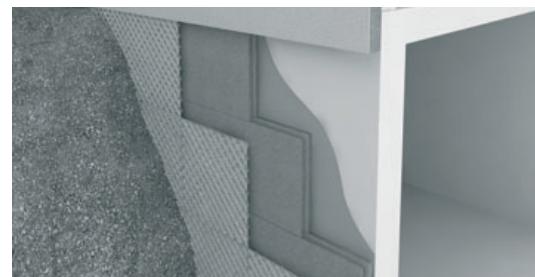
- Expansion in batch expanders and moulding in shape-moulding machines
- usual density range 25–35 kg/m³
- short cycle time
- very good fusion

Applications:

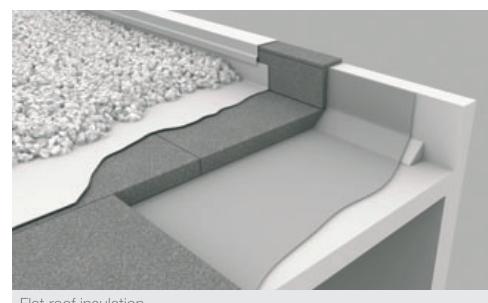
In both applications, boards made of Neopor® F 5 PRO are installed above the sealing layer, protecting it from harmful environmental impacts, especially temperature changes and mechanical stresses. Thanks to their low water absorption properties, they guarantee high insulation performance even when in contact with water.

Benefits

- High insulation performance
- Low water uptake
- Short cycle time



Perimeter insulation



Flat roof insulation

Important Note:

The information provided in this publication is based on our current knowledge. However, because of the many factors that can influence the processing and use of our product it does not free users from the obligation to carry out tests and trials of their own. No guarantee of certain properties or the suitability of the product for specific applications may be derived from our information. All descriptions, drawings, photographs, data, ratios, weights etc. contained in this publication may change without notice and do not represent contractually agreed properties of the property. Recipients of our product are responsible for observing any existing property rights as well as applicable laws and regulations. (November 2014)