

DATA SHEET

60/40/11 MM EXPANSION PROFILE, 2 LM, GREY

Internal code: NEOPROFT2M

1. DESCRIPTION AND USE

1.1. Description

The product is manufactured by extruding and expanding low-density polyethylene pellets in closed cells, in an atmosphere and under technical conditions which are controlled under the action of temperature, using butane gas as a foaming agent. The product is part of the category of polymers, characterised by great elasticity, low permeability to fluids, high thermal conductivity, as well as sound-absorbing properties, resistance over time, being rot-resistant and insensitive to the action of insects and rodents.

It is a 100% recyclable product, it contains no substances which are toxic to the body and generates no radioactive emissions.



1.2 Field of application

Expanded polyethylene products are low-density insulating elements. Application solutions:

- Expansion joint

- It offers excellent protection for corners, edges, circular surfaces sensitive to impact, scratching or repeated shock; as they are chemically inert, they can come into contact with surfaces coated with dyes, varnishes, paints, without affecting the quality of the finishes
- The application of the double-adhesive tape on the edge of the profile facilitates its assembly and stabilises its vertical positioning on the fixing element.

2. PRODUCT RANGE

Profile	Colour	Thickness (mm)	Profile edge side (mm)	Profile height (mm)	Profile length (mm)
PT	Grey	10+/-1	40+/-2	60+/-3	2000+/-30

Apply a 25 mm double-adhesive tape, with liner, in the middle of the profile edge, along the entire length.

3. TECHNICAL CHARACTERISTICS

3.1 General technical characteristics

Item	Characteristic	U/M	Value	Inspection method
1	Appearance	attributive	Continuous, uniform surface, without inclusions	Visual
2	Odour	attributive	Odourless	Organoleptic
3	Colour	attributive	grey	Visual
4	Dimensions	mm	40x60x10	STP.1.
5	Density	kg/m ³	28 +/-2	SR EN ISO 845: 1999
6	Operating temperature range	°C	- 40...80	
7	Combustion class - non-flame retardant product		E	SR EN 13501-1+A1:2010

4. USE AND MOUNTING RULES

- In underfloor heating systems, the use of the expansion profile is necessary when the floor surface in a room is greater than 40 m² or the length of a side is greater than 8 m.
- The base on which the expansion profile is placed must be smooth, stable, well dried and cleaned of other materials.

5. PACKAGING, LABELLING, STORAGE, HANDLING

The profile is delivered in the form of bars with standard lengths of 2 m packed in cardboard boxes/packages packed in LDPE film.

It is stored on europallets, in clean, dry, ventilated warehouses, protected against direct sunlight, at least 3 m away from any direct heat source.

It is handled with care in order not to damage the packaging, the quality and quantity integrity of the product as delivered and the identification/product data;

The products are transported using clean, covered means of transport, to protect them against dust or weather.

6. WARRANTY PERIOD

The warranty period is 24 months from the date of delivery, provided that the customer/user fully complies with the handling, storage and transport rules, in order to preserve the quality and quantity integrity featured by the product at the time of delivery. Polyethylene is not a biodegradable product, after use it must be handed over to the specialised collection centres according to the legislation.

