

## DATA SHEET

### BLUE 130/8 MM PERIMETER BAND, 30 M



Internal code: NEOBP130MM

## 1. DESCRIPTION AND USE

### 1.1. Description

Expanded polyethylene is obtained 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 polymer category, characterised by high elasticity, low permeability to fluids, as well as sound-absorbing properties, offering excellent protection against shocks and vibrations, excellent breaking strength, resistance over time.

The product is obtained by cutting the 8.0 mm thick expanded polyethylene film in a 130 mm wide band; a 40 my thick and 300 mm wide LDPE flap is applied on one side of the band and, on the opposite side of the band, a 25 mm wide adhesive tape is applied in the middle of the band and 5 incisions, spaced equally at 10 mm are performed.

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

- Taking over expansions/contractions of the floating screed
- Laying the floors without acoustic bridges on any type of elastic support; as a separation between the screed and the wall or other structural elements;

## 2. PRODUCT RANGE

	Thickness (mm)	Density (kg/m <sup>3</sup> )	Width (mm)	Flap (mm) (40 my LDEP)	Length (m)
	8	20	130	300	30
<b>Tolerances</b>	+/- 10%	+/- 10%	-6/+6mm	+/- 10%	+/- 2%

The product is rolled up with the LDPE flap folded inside.

## 3. TECHNICAL CHARACTERISTICS

### 3.1 General technical characteristics

Item	Characteristic	U/M	Value	Inspection method
1	Appearance	attributive	Continuous, flat, uniform foil, without inclusions	Visual
2	Odour	attributive	Odourless	Organoleptic
3	Colour	attributive	blue	Visual
4	Dimensions	mm	130x8x30,000	STP.1.
5	PEE density	kg/m <sup>3</sup>	20	SR EN ISO 845: 1999
6	Operating temperature range		- 40/80	
7	Combustion class - non-flame retardant product		E	SR EN 13501-1+A1:2010 Order of the Minister 269/2008 Annex table 8 PI 18-99

## 4. USE AND MOUNTING RULES

- In underfloor heating systems, the use of the perimeter band is mandatory, having the role of taking over the expansions of the floating screed that occur as a result of the screed heating-cooling process
- The base on which the perimeter strip is placed must be smooth, stable, well dried and cleaned of



- other materials.
- It is positioned with the self-adhesive side along walls and door frames, as well as around columns or beams.
- The perimeter band is joined by overlapping the 2 ends over a distance of at least 5 cm.

## 5. PACKAGING, LABELLING, STORAGE, HANDLING

The bands are delivered in the form of rolls packed in polyethylene bags;

Each package is marked with identification data, product code/product reference, dimensions, date of manufacture, lot number.

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 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.