

## STATEMENT OF PERFORMANCE

DOP\_No. 007\_SONOFOL PE Vibro Band

### 1. Technical description and use

The acrylic self-adhesive backing on the SONOFOL PE tape is engineered to deliver. Strong adhesion to concrete, masonry, and gypsum, even in high-humidity environments. Clean, mechanical-free installation, removing the need for staples, nails, or supplementary adhesives. Time-saving application, especially in large-scale installations or overhead work where mechanical fixing would be more complex.

### 2. Key Features and Benefits:

a. VIBRO BAND is typically applied at the junctions where metal studs (CD/UD profiles) meet structural surfaces like floors, walls, or ceilings. This ensures:

- Reduction of flanking transmission through rigid connections;
- Prevention of structure-borne noise from being transmitted between components;
- Enhanced airborne sound insulation when used in gypsum board-based soundproof systems.

b. When installed vertically along the base of perimeter walls before screed pouring, the tape acts as a compressible buffer that prevents direct contact between the floor slab and walls, eliminating hard connections that transmit vibrations and impact noise. Key benefits include:

- Accommodation of screed expansion and contraction;
- Isolation of rigid surfaces, minimising acoustic bridges;
- Long-term integrity under floor loads, due to closed-cell foam's resistance to compression.



### 4. Declared technical performance

Feature	Declared value
Tip produs	Laminated EPE layer with 9 µm aluminum foil
Thickness (mm)	3 ± 5%
Density (kg/m <sup>3</sup> )	25 ± 10%
Available widths (mm)	30 ; 45 ; 70 ; 90
Lenght per roll (m)	20 ± 5%
Total area per package (m <sup>2</sup> )	0.6 ; 0.9 ; 1.4 ; 1.8
Rezistență la temperatură (°C)	up to 80
Thermal conductivity (W/m <sup>2</sup> K) at 20°C	0.04 (EN 12664:2011)
Water absorption (%)	0.7 (SR EN 16535:2019)
Peel resistance at 90° - (according to NF EN ISO 29862, N/25mm, after 24 hours)	22°C: >100 hours 50°C: 20 hours
Adhesive shear strength (according to EN ISO 29863 – 1 kg per 25×25 mm)	La 22°C: >100 ore La 50°C: 20 ore
Recommended application	Pre-cleanse, applied pressed at 18–30°C

The technical information, performance data, and installation guidelines presented in this document are based on internal testing, research, and experience deemed reliable by the manufacturer. However, all data is provided for informational purposes only and should not be interpreted as a legally binding guarantee of performance. The manufacturer assumes no responsibility for improper use, incorrect installation, or damage resulting from third-party handling. Performance may vary depending on conditions, and it is the user's responsibility to ensure correct application. Specifications may change without prior notice.